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Field Mainterance Print Set

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B-TC-T\$11-D-Ø1 B-DD-T\$11-D E-UA-T\$11-D-Ø TAPE DRIVE AND CAB ASSEMBLY

K-PL-TS11-D-DBP MP849

DRIVE AND INTERFACE ASSY. (TS11-A)

UNIT VARIATIONS COVERED BY THIS PRINT SET

7511-DA TS11-DB

TSII-D

Field Maintenance Print Set

Digital Equipment Corporation

FRINT SET ORDER NO. MPOO851

Total Care Company		REV.	N N N N N N N N N N N N N N N N N N N	USED ON OPTION/MODEL	ORN. G. Marini	DATE 3/20/79				dig	iltal
	USIONE	CHG. NO.	00.1	TS21	CHK'D DM PROJ. ENG.	DATE 9/14/14	TITLE:	TAPE DR	IVE AND CAB AS (TS11-D)	SEMBLY	
AND THE BANK OF A STATE OF THE	738 738	1			- I was a second	9-7-79 DATE	SIZE B	CODE	NUMBER TS11-D-Ø1		REV.

DRB 124

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DRAWING DIRECTORY

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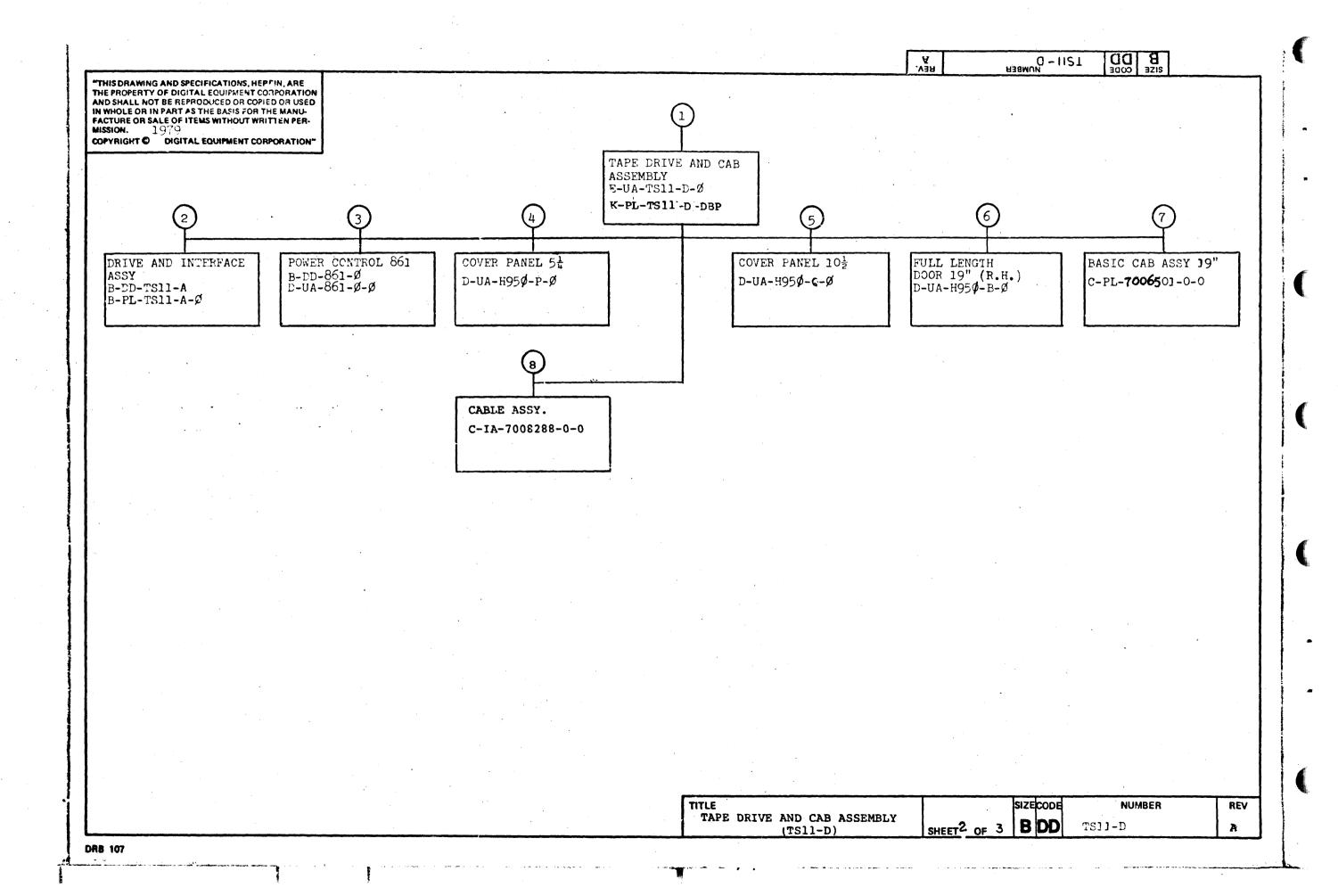
DIGITAL EQUIPMENT CORPORATION.

FOR TABLE OF CONTENTS LISTING REFER TO DPAWING NO. B-TC-TS11-D-O1

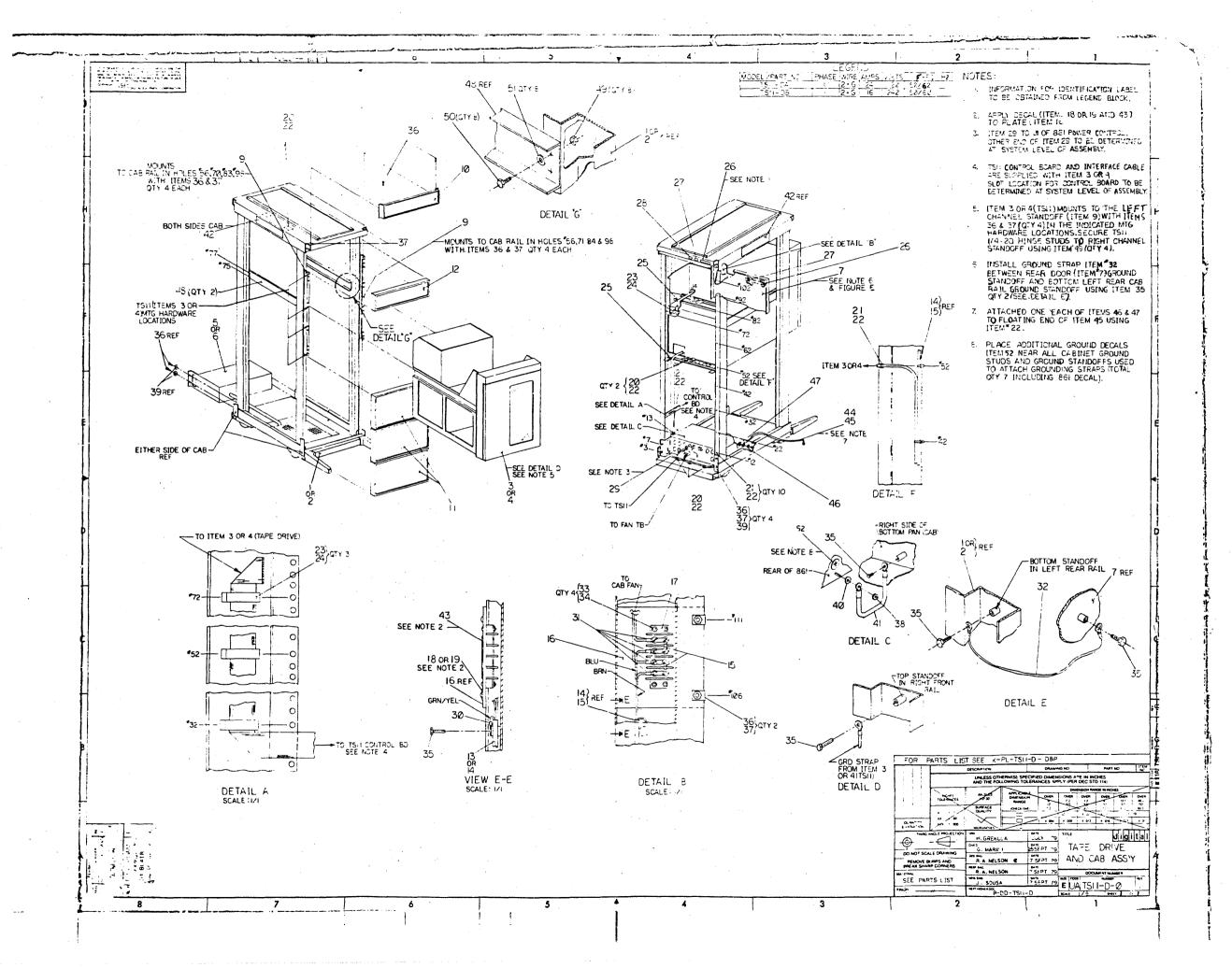
	UNIT VARIATIONS						
VAR	TITLE						
TS11-DA TS11-DB	TAPE DRIVE AND CAB ASSEMBLY (120V) TAPE DRIVE AND CAB ASSEMBLY (240V)						

REV.	USED ON OPTION/MODEL	DRN. DATE TITLE
<u>«</u>	USED ON OFFICIAL MODEL	G. Marini 3/20/79
9 0	<u> 1311</u>	TAPE DRIVE AND CAB ASSEMBLY CHK'D. DATE (TS11-D)
GE I		15m 9/25/19
HAN		PROJ ENG. DATE
₹ 3 ∑		SIZE CODE NUMBER REV
		PRODO DATE B DD TS11-D
₹ €	SHEET 1 CF 3	1-7-79 DIST.

DRB 106A



TIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	
+	E-UA-TS11-D-0	TAPE DRIVE AND CAB ASSY	E/M	 			
1	K-PL-TS11-D-DBP	TAPE DRIVE AND CAB ASSY (PL)	E/M				
	D-IA-7407936-0-0	LOGO PANEL (BLANK)	M			• • • •	
十	C-MD-7407606-0-0	PLATE JONES STRIP	M	1	-,		
\dashv	A-DC-7407314-0-0	DECAL 115V	M				
_	A-DC-7406574-0-0	DECAL 230V	M	1			
	C-MD-7422937-0-0	CHANNEL MTG.	M M				
-+	C-MD-7422938-0-0	BRKT FILLER	M M				
_	A-PS-3615180-Ø-Ø	LABEL I.D.	M.				
\dashv	A-PS-3613211-0-0	LABEL C.S.A.	M				
	A-DC-7416197-0-0	LABEL UL	M	8	C-IA-700S288-0-0	CABLE ASSY	
7	A-PS-3617249-0-0	LABEL CAUTION STABILITY H950	M				
_	A-PS-3610267-0-0	DECAL ADHESIVE BACK-DAMGER HIG	М				
\neg	D-MD-7422059-0-0	FRAME SUPPORT	M				
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\neg				1			
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2	B-DD-TS11-A	DRAWING DIRECTORY	E/M				
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3	B-DD-861-0	DRAWING DIPECTORY 861	E/M	JL			
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4	D-UA-H950-P-0	COVER PANEL 5½	М_	1	<u> </u>		
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5	D-UA-H950-O-0	COVER PANEL 103	M	 	<u> </u>		
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5	D-UA-H950-B-0	FULL LENGTH DOOR 19" (R.H.)	M	1			
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AUTOMATED BY PRTLST.3L(4	0)	PARTS LIST	OHANITITY DEG	NADTATION	SHEET A1 OF
LINE ITEM DOCUMENT NUMBE	R PART NUMBER	DESCRIPTION	DA DB	R VARIATION	
1 1 C-PL-7006501-0 2 2 C-PL-7006501-0 3 3 B-PL-TS11-A-0 4 4 B-PL-TS11-A-0 5 5 D-UA-861-0-0 6 6 D-UA-861-0-0 7 7 D-UA-H950-B-0 8 8 C-MD-7422938-0 9 9 C-MD-7422937-0 10 10 D-IA-7407936-0 11 11 12 12 13 13 14 14 15 15 16 16 C-MD-7407607-0	-0 7006501-48 0TS11-AA 0TS11-AB 00861-C 00861-B 0H950-BA -0 7422938-00 -0 7422937-0C -0 7407936-01 0H950-QA 0H950-PA 1700015-09 1700016-09 9009002-00	BASIC CABINETS 19 IN. BASIC CABINETS 19 IN. TSO4-AA & TS11 45IPS NRZI MAGITSO4-AB 25FT. SERIAL CABLE,M7120VAC 24A POWER CONTROL,19"WE COVAC 16A POWER CONTROL,19"WE FULL LGTH RH DR BK *** THIS ITEM IS NOT USED ** CHANNEL,STANDOFF PANEL, LOGO COVER PNL 10 1/2 IN W THK LATPANEL COVER/THICK LATCH MOLD PWR CORD,TERM. 9FT,18-3,115W PWR CORD,TERM. 9FT,18-3,230W TERM BLOCK JUMPER PLATE, JONES STRIP	7982 - 1 1.5. 1 - 1.5 1 1 1 *** 2 2 1 1 CH 3 3 M 1 1 / 10 1 -		
17 17 18 18 A-DC-7407314-0 19 19 A-DC-7406574-0 20 20 21 21 22 22 23 23 24 24 25 25 26 26 A-PS-3613210-0 27 27 A-PS-3613211-0 28 28 A-DC-7416197-0 29 29 C-IA-7008288-0 30 30	9006899-00 -0 7407314-00 -0 7406474-00 9008264-00 9007867-00 9007032-00 1215843-00 1213716-01 9009718-01 -0 3613210-00 -0 3613211-01 -0 7416197-01	TERM BLOCK 04POS(2X02).437CC DECAL PLATE.LOCKING MOUNT, CABLE TIE, ADHESIVE BA MOUNT, PUSH, CABLE TIE TIE.CABLE BUNDL.DIA 0-1-3/4"= CLIP.FLAT CABLE W/ADHESIVE BA SPACER.FOAM GROMMET.STRIP STYRENE LABEL. UL. FOIL ADH BACK DECAL, CLEAR PREPRINTED CSA 1- DECAL CABLE ASSY PDP-11	12 12 101 20 20 (4 4 1/2 4 4 3 3 2 2		
REVISION HISTORY	BASIC PART NO: OTS1	!DRN: A. J. ROCHA	!DATE: 20-0CT-80		G ! I ! T ! A ! L
ENG! ECO NUMBER !REV RN TS11D-ML001 A JB TS11D-ML002 B	SECTION. VARIATION IN	ĪDĒX CHK'D: R. NELSON	DATE: 20-0CT-80	TITLE PAR TAPE DRIVE AND	ŦĊ [!] ŦŦĊŤ
	! [B] ! ! [C]	:DES.ENG.: DICK NELSON	!DATE: 20-0CT-80	DOCUM	ENT NUMBER
	[D]	RESP.ENG.: DICK NELSON	!UATE: 12/11/79	SIZE!CODE! NÚMBE	
	[E]	MFG.ENG.: JOHN SOUZA	DATE: 20-0CT-80	K PL TS11-	D-DBP B
	[F]	ASSEMBLY NUMBER: E-UA-TS11-D-0	TOP DOCUMENT NUMBER TOP DOCUMENT NUMBER TO TO THE PROPERTY OF	BER: FILE Z1141	NĀMĒ: EDĪT B.PLS 14
"THIS DRAWING AND OR COPIED OR USED	IN WHOLE OR IN PART AS	ARE THE PROPERTY OF DIGITAL EG THE BASIS FOR THE MANUFACTURE GHT (C) 1982. DIGITAL EQUIPMEN	! QUIPMENT CORPORATI E OR SALE OF ITEMS	CON AND SHALL NOT	BE REPRODUCED

AUTOMATED BY PRTLST.3L(40) LINE ITEM DOCUMENT NUMBER	PART NUMBER	CO1 PARTS LIST DESCRIPTION	QUANTITY PER VARIATION DA DB	SHEET A2 OF A2
31 31 32 32 33 33 34 34 35 35 36 36 37 37 38 38	9007929-00 1213756-16 9006025-01 9006560-00 901 0 156-00 9009700-00 9007786-00 9006565-00	TERM,RING #5,6STUD CRIMP 16-2 GROUND STRAP SCREW,MACH PAN PHIL 6- NUT,HEX EXT TOOTH LCKWSHR 6-32 SCREW,SEMS HEX 10- SCREW,SEMS TRUSS PHIL 10- NUT,U-NUT RETAINER .240ID NUT,HEX EXT TOOTH LCKWSHR 10-32	1 1 4 4 5 5 20 20 20 20	
39 39 40 40 41 41 42 42 A-PS-3717249-0-0 43 43 A-PS-3610267-0-0 44 44 45 45	9006664-00 9007651-00 1213756-20 3617249-00 3610267-00 9107250-00	WASHER, FLAT SST WASHER, LOCK EXTERNAL STEEL GROUND STRAP LABEL, CAUTION, STABILITY H950 DECAL, ADHESIVE BACK -DANGER HIG TUBING, SHRINK .750ID EXP STRAP, JUMPER, BRAID WITH TERMINA	: 1	
46 46 47 47 48 48 D-MD-7422059-0-0 49 49 50 50 51 51 52 52	9007959-00 9006568-00 7422059-00 9008203-00 9006242-09 9007792-00 3612680-00	WASHER, LOCK EXTERNAL STEEL LUT, HEY EXT TOOTH LCKWSHR5/16-18 FRAME SUPPORT NUT, HEX EXT TOOTH LCKWSHR 1/4-20 SCREW, MACH HEX PLN 1/4- WASHER, FLAT SST DECAL, GROUND SIGN PER 3E6 *	2 2 12 12	

D I G I T A L TAPE DRIVE AND CAB ASSEMBLY SECTION A OF A SECTION A OF A K PL TS11-D-DBP B

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FIELD MAINTENANCE PRINT SET

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P P 29 194

UNIT VARIATIONS COVERED BY THIS PRINT SET						
TS11-AA						
TS11-AB						

TSII-A

Field Maintenance Print Set

Digital Equipment Corporation

PRINT SET ORDER NO. MP00849

	REV.	USED ON OPTION	N/MODEL		date 3/20/79			di	gital
		TS11		<u> </u>		TITLE:		<u>L</u>	
	<u>o</u>			СНКД	DATE			MAINTENANCE PRINT	SET.
m Z	H G G			Themloy	7/18/79	,	".1]] - A '	l .	
EN-01124	2 5		,		DATE				
24 16				Mr. Cucin	7/19/79	SIZE	CODE	NUMBER	REV.
N67	4			FIELD SERV.	DATE	В	TC	TS11-A-01	
6-(327	DA	SHEET I OF		S. Lonkins	7/19/79	DIST.			

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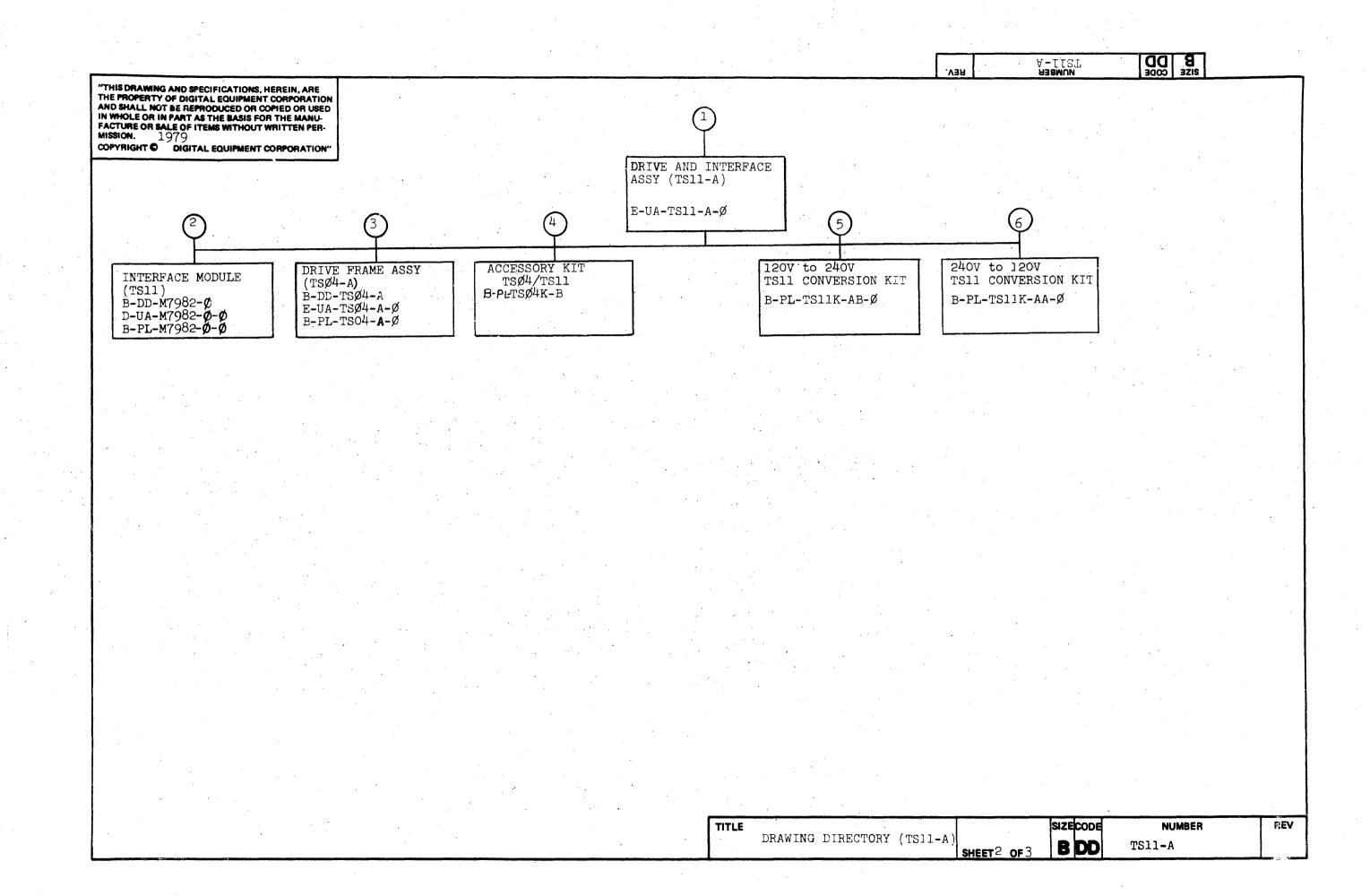
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FOR TABLE OF CONTENTS LISTING REFER TO DRAWING NO. B-TC-TS11-A-O1

UNIT VARIATIONS						
VAR	TITLE					
TS]1-AA	DRIVE AND INTERFACE ASSY (TS11-A) 120V					
TS11-AB	DRIVE AND INTERFACE ASSY (TS11-A) 240V					
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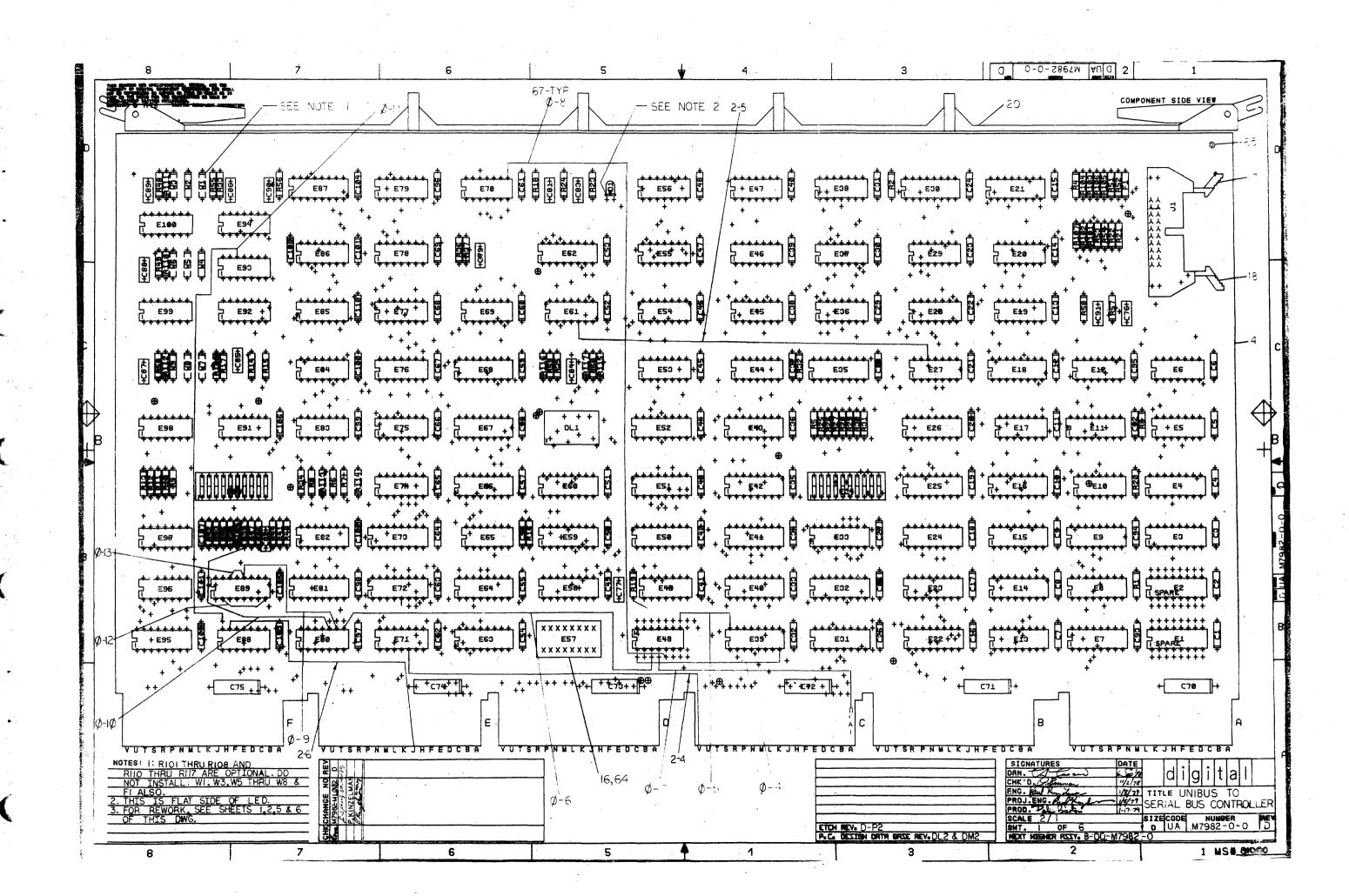
	MEV.	USED ON OPTION/MODEL	G. Marini	DATE 3/20/79	TITLE DRAWING DIRECTORY	digital
NS	O	TS11-B TS11-D	CHK'D.	DATE	(TS11-A)	
ViSiO	1ANGE		PROJ. ENG.	0/18/79 DATE		
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	¥	SHEET 7 OF 3	Thing It	DATE 7/18/79	DIST.	

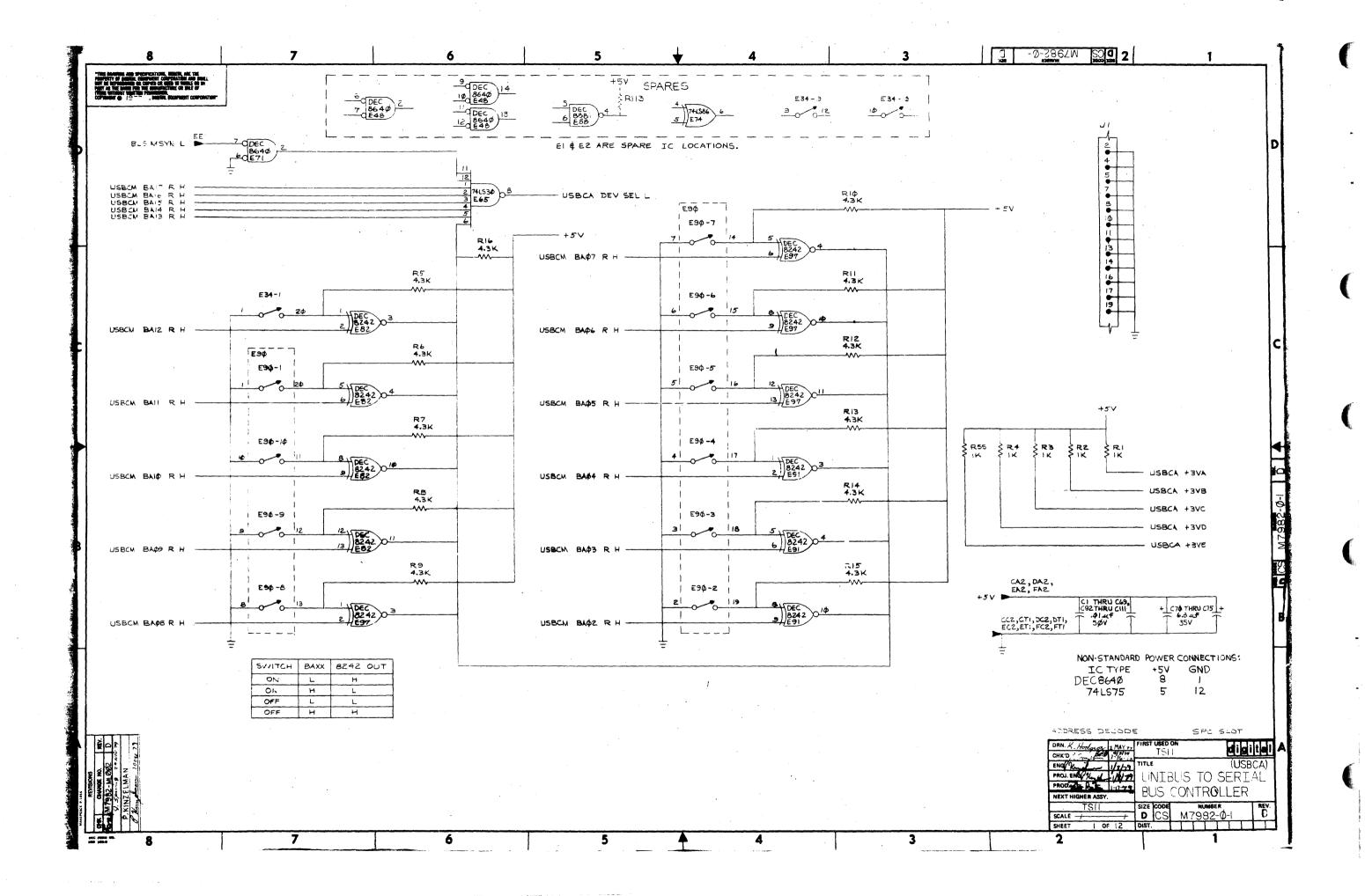


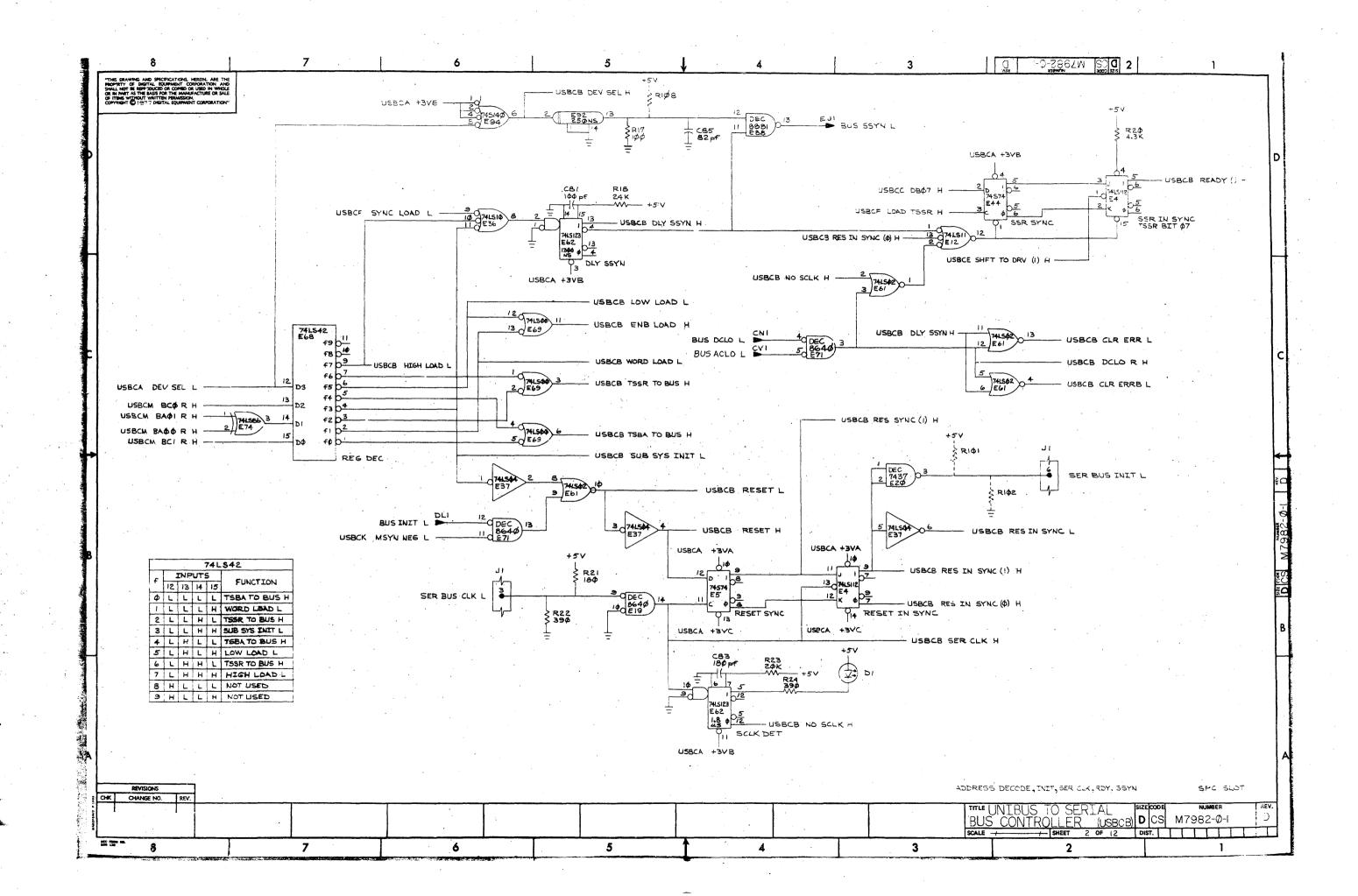
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FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION
1	E-UA-TS11-A-Ø B-PL-TS11-A-Ø	DRIVE AND INTERFACE ASSY (TS11-A)	E/M			
		DRIVE AND INTERFACE ASSY (TS11-A)	E/M			
	D-1A-7014094-Ø-Ø	CABLE, 25 FC	E/M	 		
				 		
2	B-DD-M7982-Ø	DRAWING DIRECTORY M7982				
		TSII INTERFACE	E/M	 		
	D-UA-M7982-Ø-Ø B-PL-M7982-Ø-Ø	TSII INTERFACE	E/M E/M	 		
					,	
3	B-DD-TSØ4-A	DRAWING DIRECTORY (TSØ4-A)	E/M			
	E-UA-TSØ4-A-Ø B-PL-TSØ4-A-Ø	DRIVE, FRAME ASSY (TSØ4-A) DRIVE, FRAME ASSY (TSØ4-A)	E/M			
\rightarrow	B-PL-TSØ4-A-Ø	DRIVE, FRAME ASSY (TSØ4-A)	E/M	∤		
		madl./max				
·	B-P L-TS Ø4K- B-0	ACCESSORY KIT TSØ4/TS11		 		
				 		
5	B-PL-TS11K-AB-Ø	120V to 240V TS11 CONVERSION KIT	E/M			
<u>_</u>	D DT 0033 K AA 0	240V to 120V TS11 CONVERSION KIT	77/14	l		
5	B-PL-TS11K-AA-Ø	240V to 120V 1511 CONVERSION KII	E/M	∤ }		
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TYPE:	E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL	di	gital	TITL DR/	E AWING DIRECTORY (TS1)	SHEET 3 OF 3 B DD TS11-A

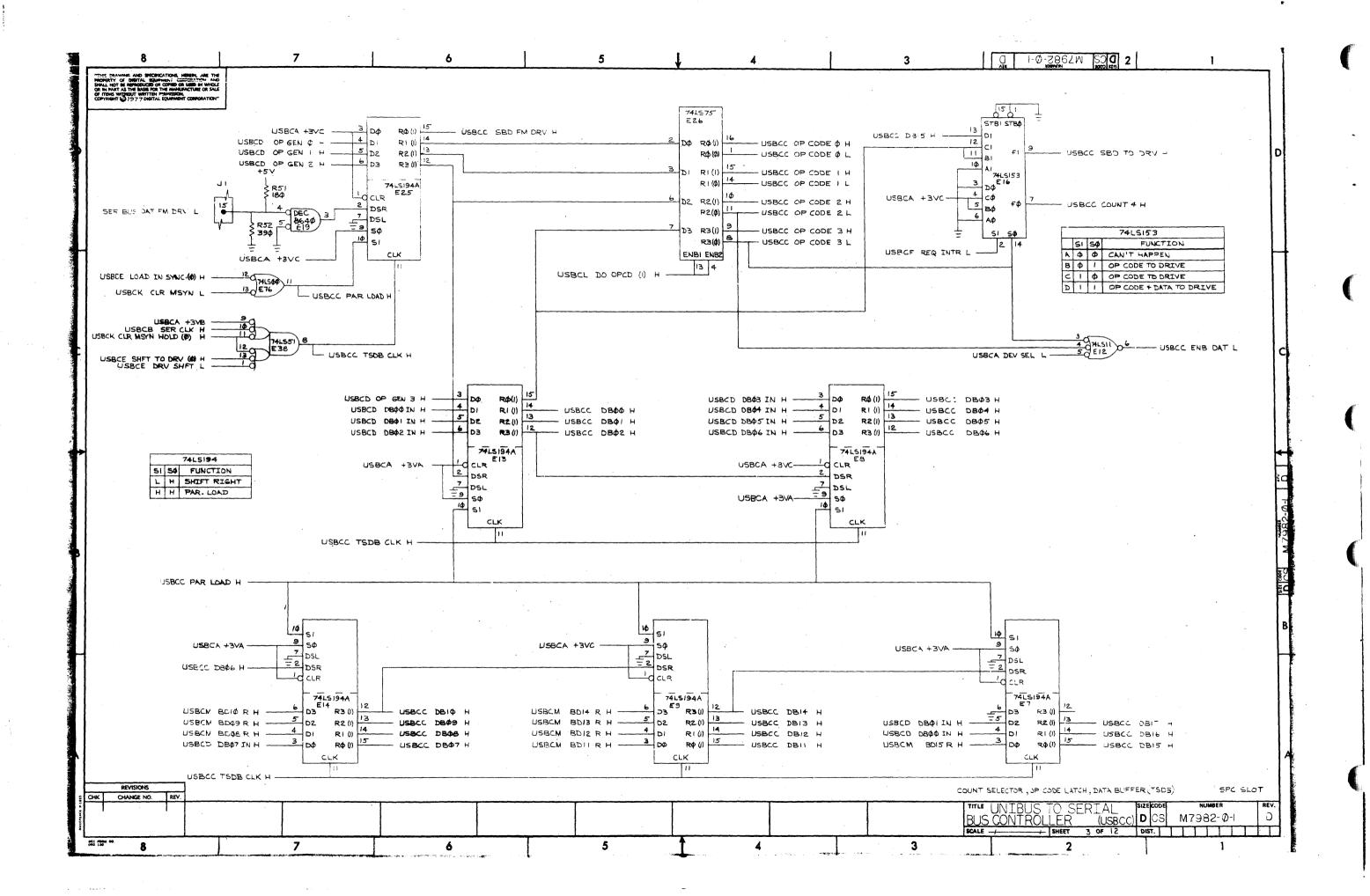
	DIGITAL I		T CORPORATION				QU	ANT	ITY /	VAF	RIATI	ON		٠,		NOTES: INSTALL CABLE (ITEM #3) TO CONI. J4MB FOUND ON MOTHER BD
		PARTS L		20V)	<u>V</u>								·			PART OF TSØ4-A) AND TO CONN FOUND ON M7982-Ø INTERFACE MODULE (ITEM #4)
DAT	DEBY G. Marini E 3-12-79	CHECKED Kher DATE 2/18	129	(120	(240V)				-							M7982-Ø INTERFACE MODULE (ITEM #4)
ENC DAT		PROD Turnish	ISSUED SECTION	-AA (-AB (7		`					-	
NO.	DRAWING NO.	PART NO.	DESCRIPTION	TSII	TSII							1				REF DESIGNATION
1	E-UA-TSØ4-A-Ø	TSØ4-AA	DRIVE AND FRAME ASSY	1		-			٠.			,				
2	E-UA-TSØ4-A-Ø	TSO4-AB	DRIVE AND FRAME ASSY		- 1		ľ									
3	D-IA-7014094-Ø-Ø	7014094-ME	CABLE 25' (INTERFACE CABLE)	1	1							·				
4	E-UA-M7982-Ø-Ø	M7982-Ø	INTERFACE MODULE (TS11)	1	1					•			,			
5	B-PL-TS11K-AA-Ø	TS11K-AA	240V to 120V TS11 CONVERSION KIT		- REF	7										
6	B-PL-TS11K-AB-Ø	TS11K-AB	120V to 240V TS11 CONVERSION KIT	REF	?	-										
7	B-PL-TSØ4K-B-O	TSØ4K-B	ACCESSORY KIT TSØ4/TS11	1	1					٠						
8	A-PS-3612063-0-0	3612063-00	TAGUL (RECOGNIZED)	1	1							-				
9	A-PS-3613210-0-0	3613210-00	LABEL (IDENTIFICATION)	1	1					٠			2			
10	A-PS-3616410-0-0	3616410-00	DIGITAL TS-11 LOGO	1	1				1							
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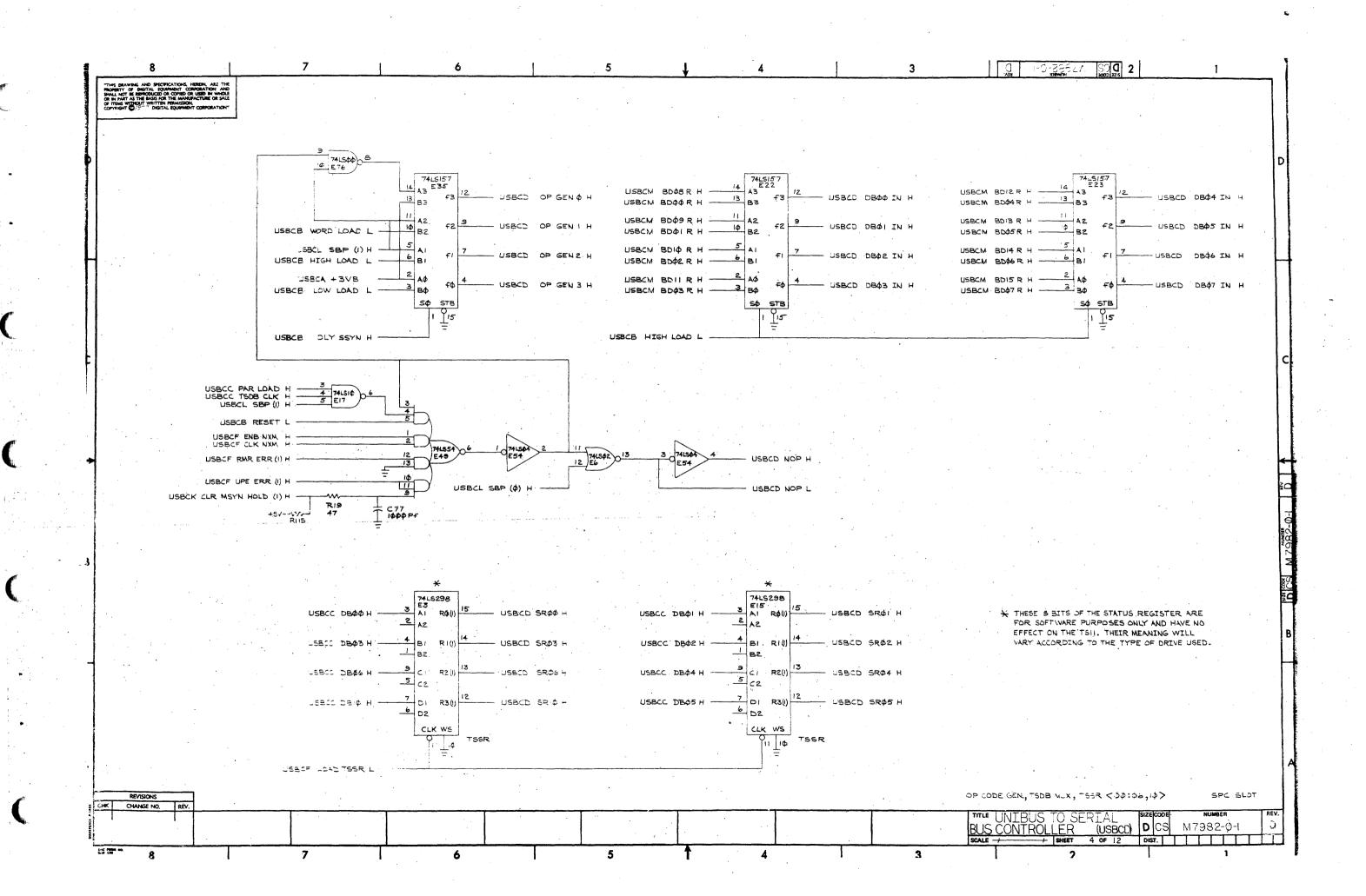
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B-DD-M7982-Ø	1		M7982 DRAWING DIRECTORY	*	A								T															
D-UA-M7982-Ø-Ø	6		M7982 UNIT ASSEMBLY	C	D					T	T															\top		
K-PL-M7982-0-DBP	-		M7982 PARTS LIST DATA BASE		D			1				П																
D-CS-M7982-Ø-1	12		UNIBUS TO SERIAL BUS CONTROLLER	C	D																							
D-FD-M7982-Ø-2	3	·	M7982 CONTROL FLOWS		*			T																				
D-TD-M7982-Ø-3	3		M7982 TIMING DIAGRAMS	*	*			T										\prod										
A-SP-M7982-Ø-4	18		M7982 ENGINEERING SPEC.	*	*						T								T									
D-BD-N7982-Ø-5	1		M7982 MLOCK DIAGRAM	*	*			T							T		T											
D-MD-1012174-840	6		M7982 DRILL & ETCH DWG.	C	c																							
K-PC-N7982-0-DBC	-	Bacos sh	M7982 PICHEDESIGNUBATAOBASE		A																							
		5012174	M7982 ETCHED CIRCUIT BOARD		D				П																			
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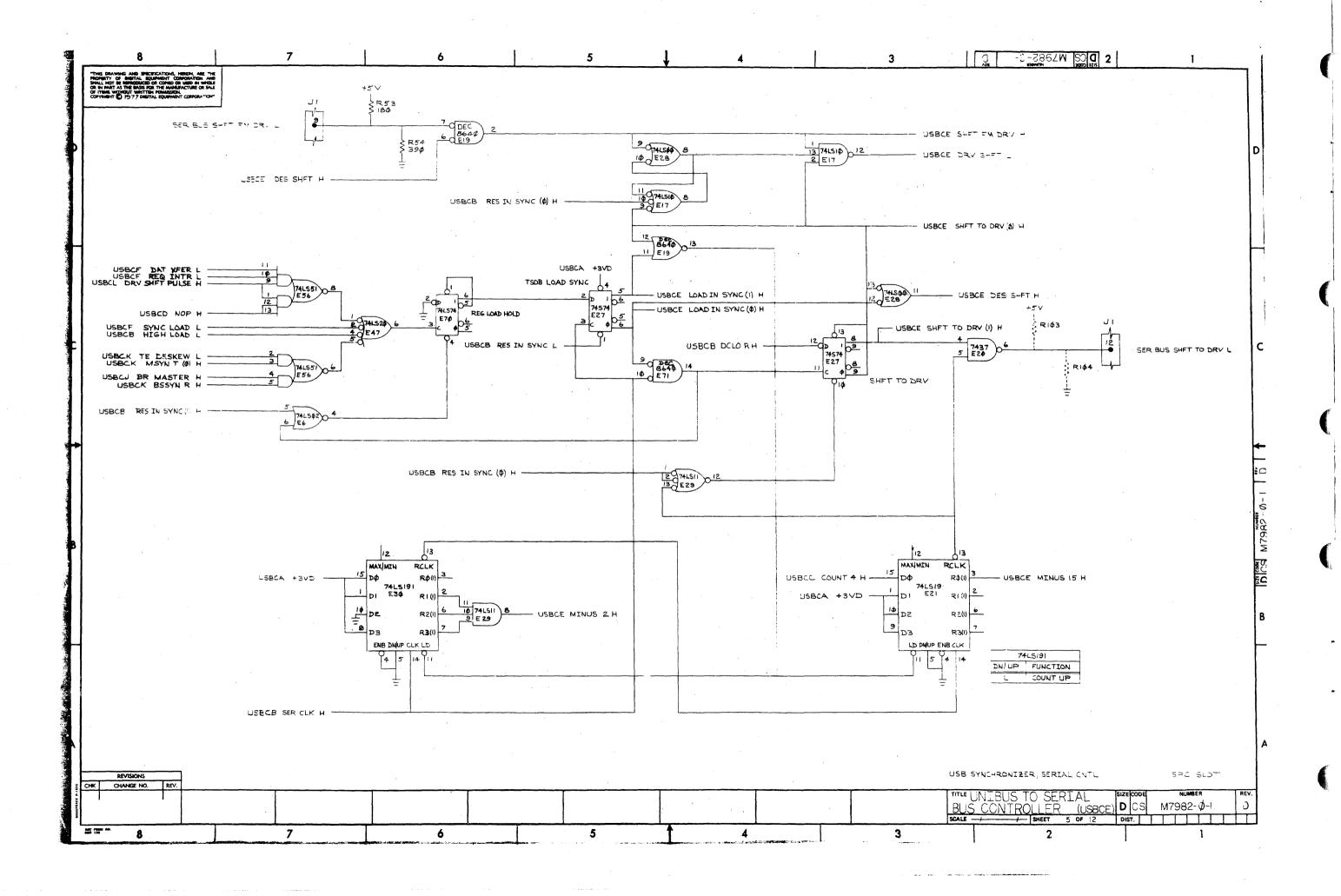


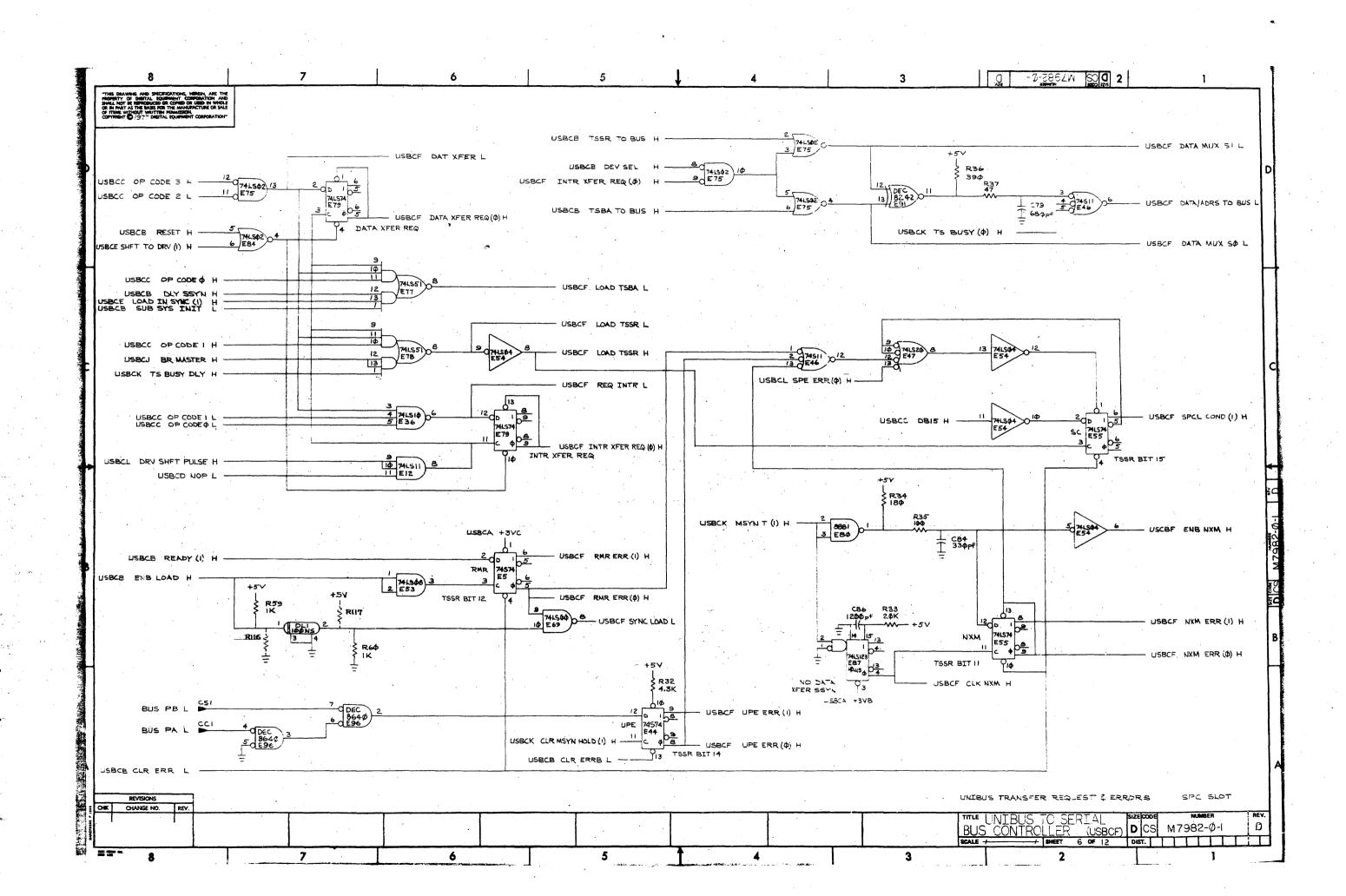


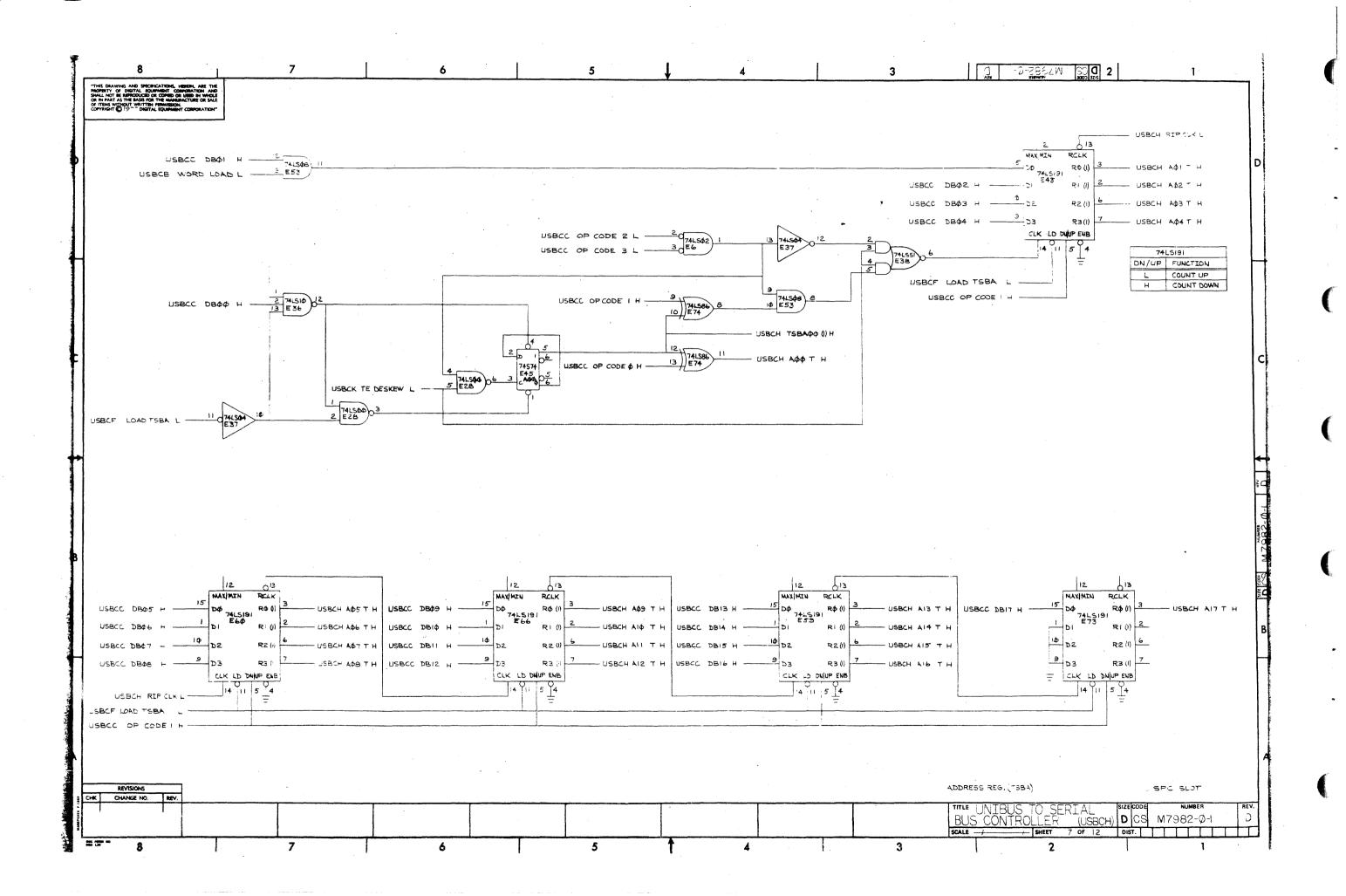


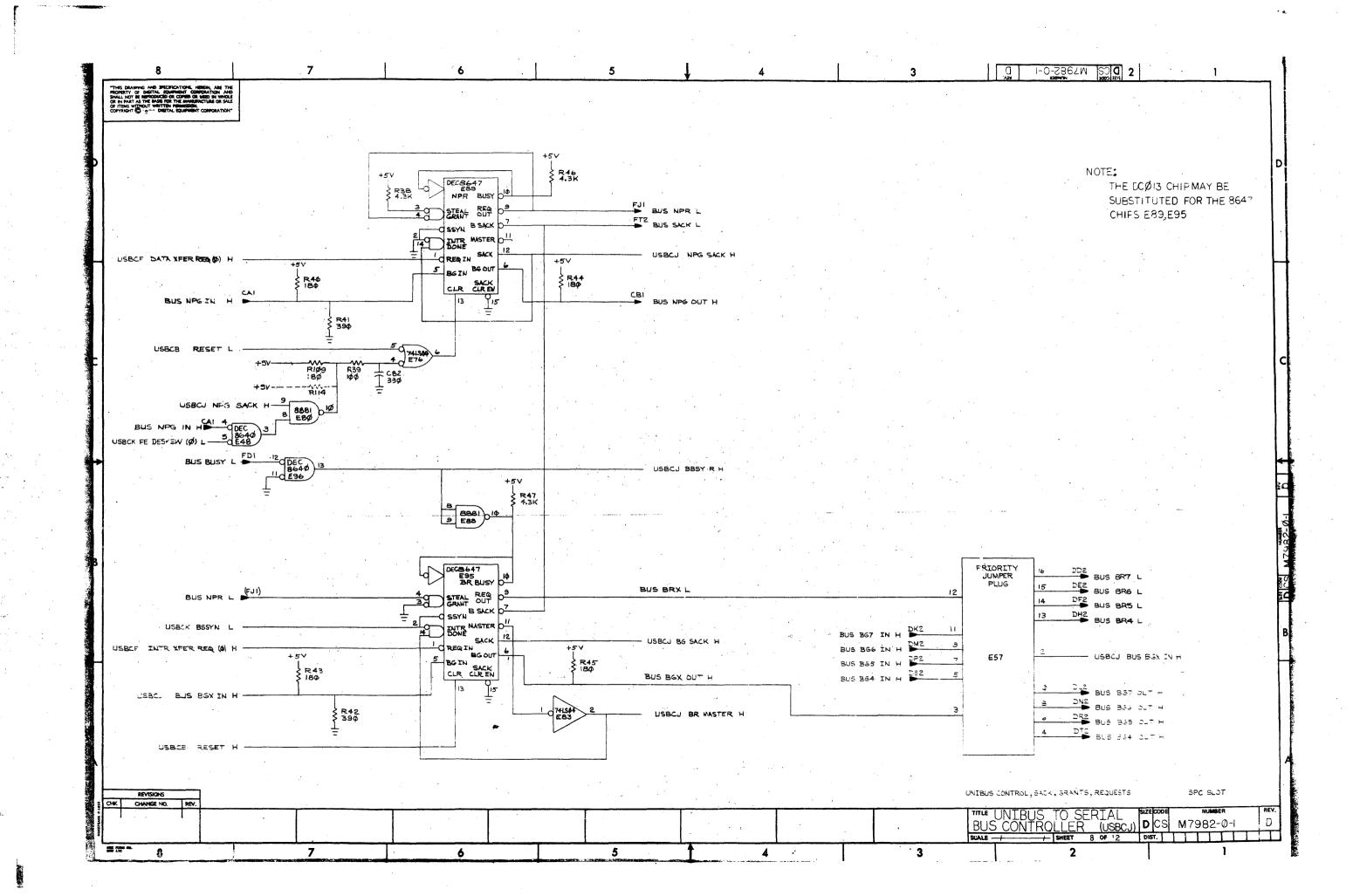


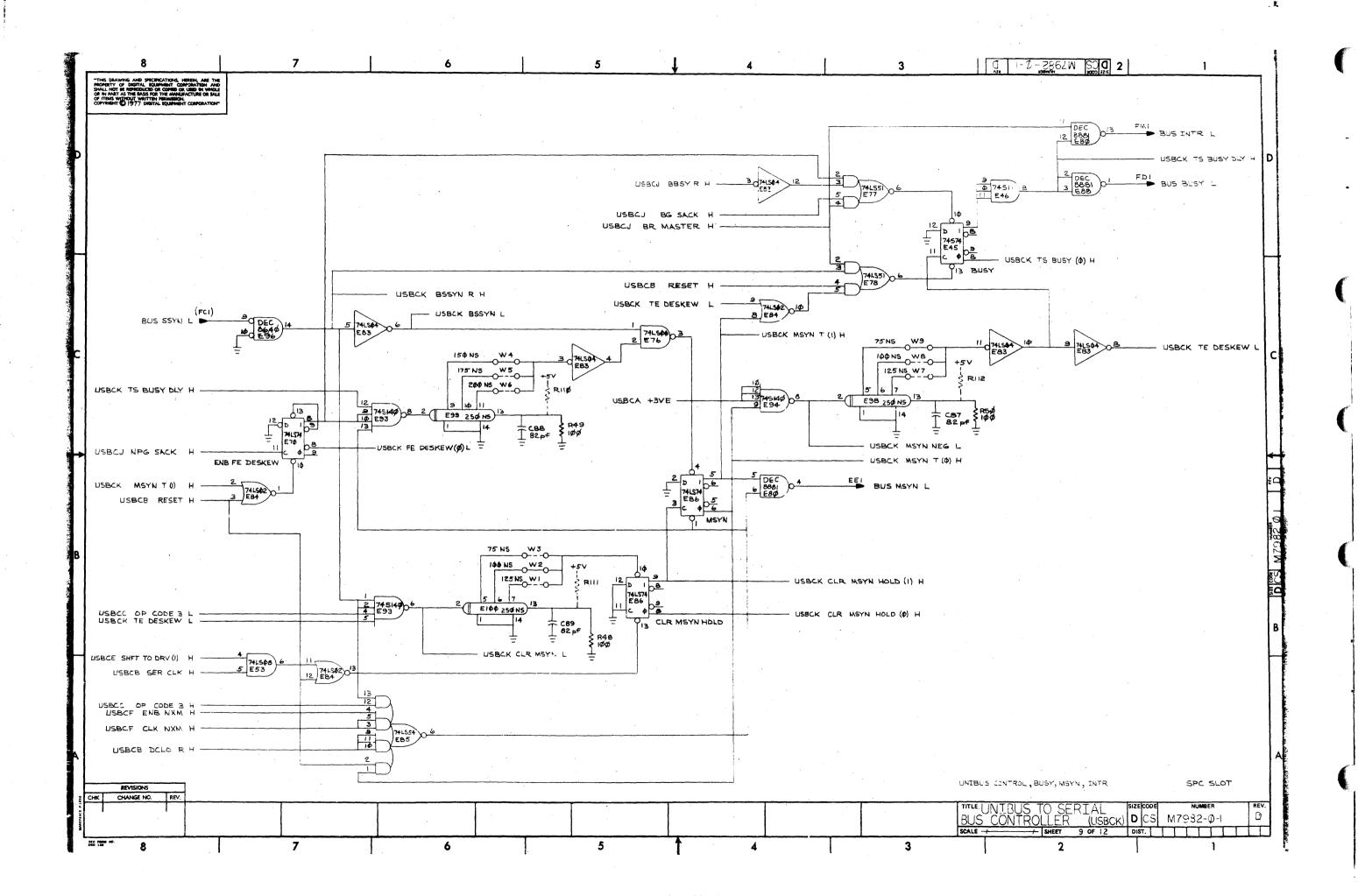


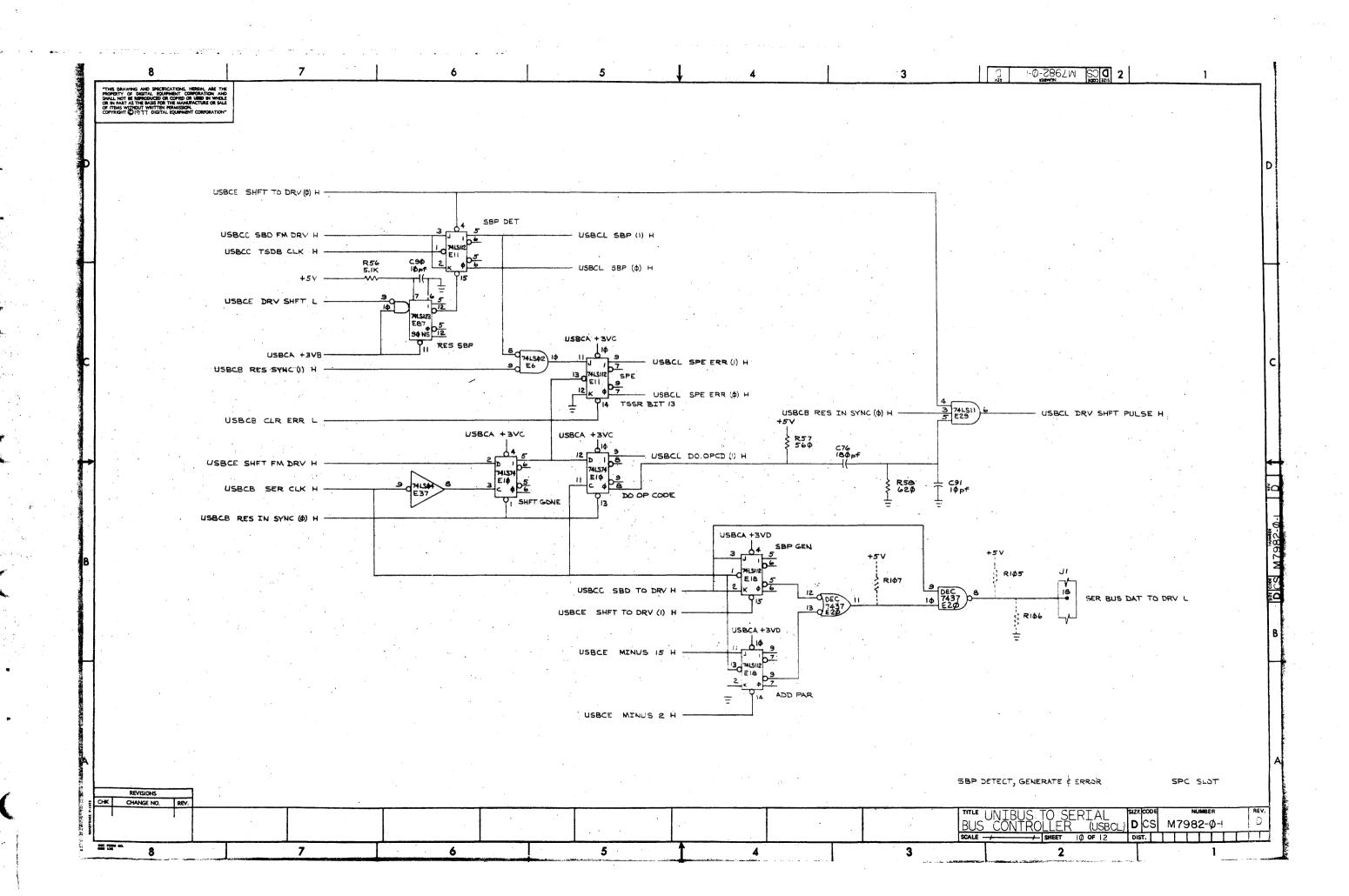


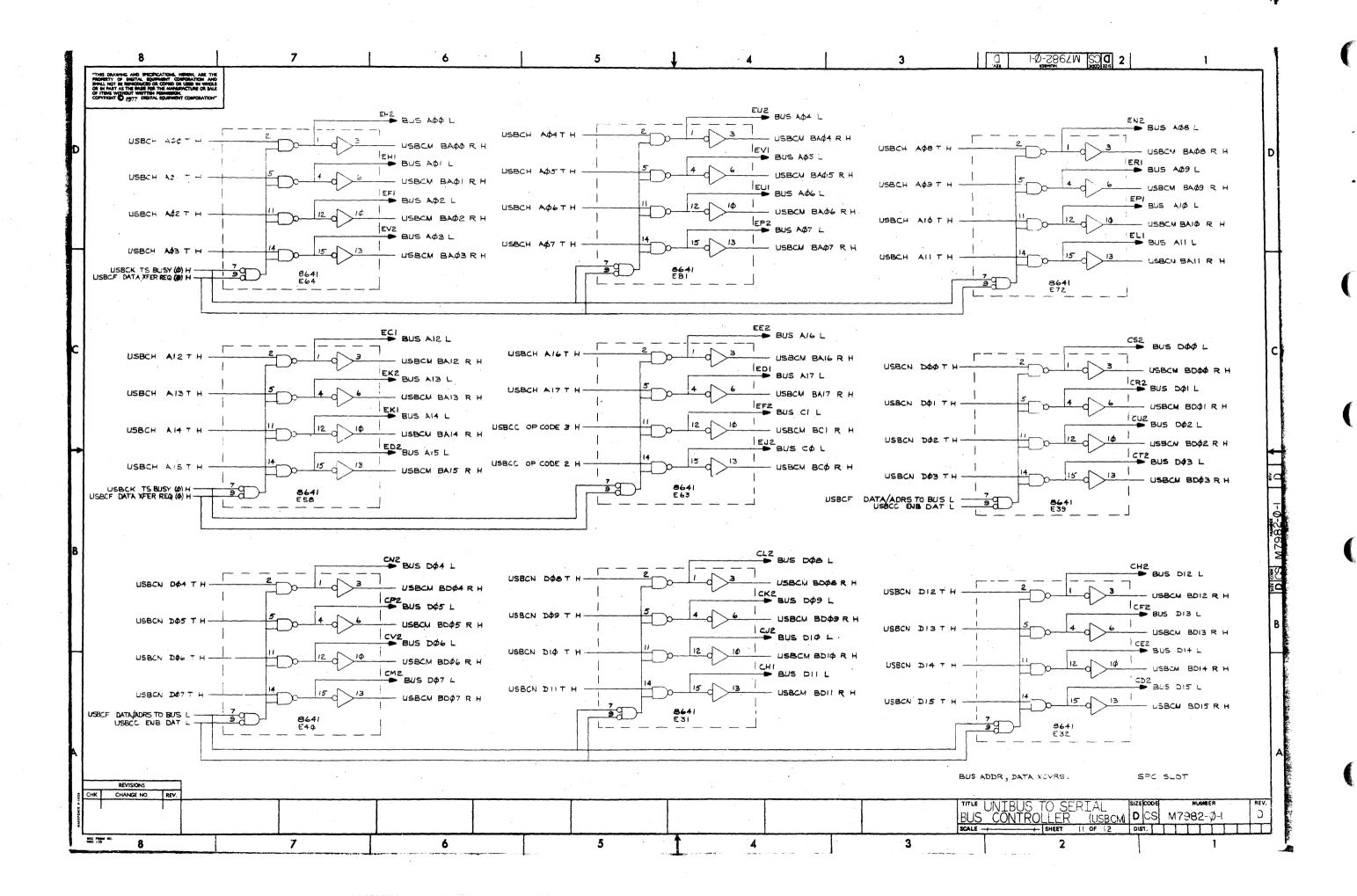


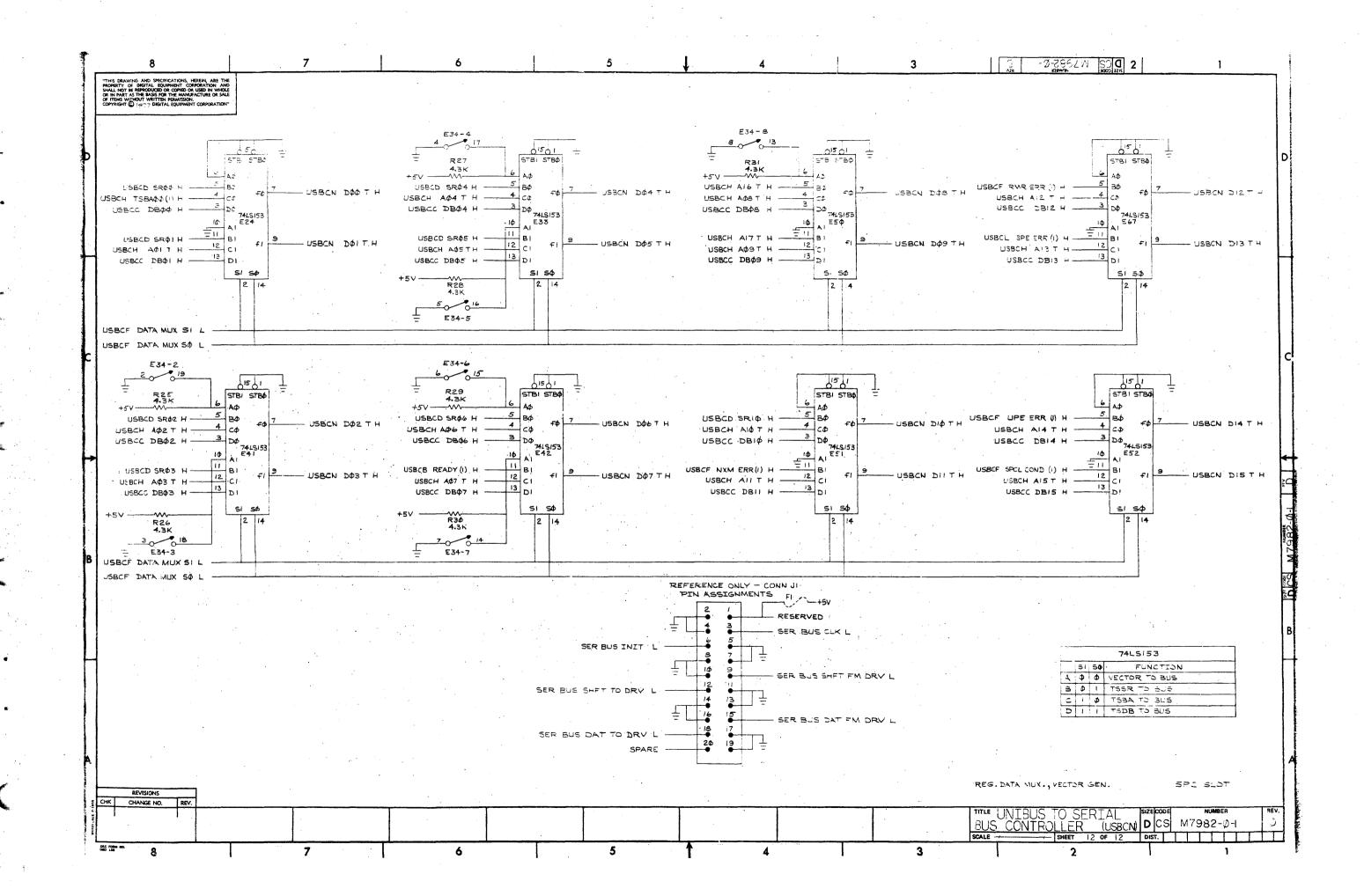












AUTOMATED BY PRILST.10(5) LINE ITEM DOCUMENT NUMBER	PART NUMBER DE	PARIS LIST ESCRIPTION	QTY PER VARIATION REFERENCE	SHEET AS SF AS DESIGNATOR
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! INIT C SECTI PK M7982-MLOO2 D [A]	ON.VARIATION INDEX	CHK'D: C.CAMPBELL DATE	E: 06-DEC-77 ! +++++++++++++++ UNIBUS SERIA	L BUS CONTROLLER
		DES.ENG: R.BOUCHER DATE		+++++++++++++
[E] [F]		RESP.ENG.: R.SQUCHER DAT	F: 17-JUL-78 !++++++++++	MENT NUMBER ! !
		MEG.ENG. P.BARTON DATA	E: 17-JUL-78 ! K ! PL ! M79	82-0-DSP ! D !
		!ASSEMBLY NUMBER: !TOP	DOCUMENT NUMBER: FIL	E NAME: !EDIT #! 79D.PLS ! 20 !
- 11	CATIONS HEREIN, ARE	THE PROPERTY OF DIGITAL EQUIPM HE BASIS FOR THE MANUFACTURE OR T (C) 1981. DIGITAL EQUIPMENT CO	ENT CORPORATION AND SHALL NO SALE OF ITEMS WITHOUT WRITTE	T BE REPRODUCED N PERMISSION.

AUTOMATED BY PRILST.10(5) LINE ITEM DOCUMENT NUMBER PART NUMBER	PARTS LIST DESCRIPTION	QTY PER VARIATION OB REFERENCE D	SHEET AS OF AS ESIGNATOR
30	520.8 .25 W S.O % CC CC CC DELAY= 100NS, OTAPS D10100 DELAY=25-250NS, 10TAPS RCL #L-183 DEC 8881 NAND GATE-QUAD 2IN 0 DEC 8242 COMPARATOR-4BIT N, 74511 AND GATE-TRIPLE 3INP 745110 NAND GATE-DUAL 4INPU 74574 FF-D DUAL, EDGE TRIGG DEC 8640 RECEIVER, BUS, QUAD, U 8541 TRANSCEIVER, BUS, QUA	1 E46 2 E93,E94 4 E5,E27,E45, 4 E19,E48,E71	0,E92 E44 ,E96 ,E40,E58,E63,E64,E72.
#2 #3 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4	REPLACED BY 19-14438-00 L575 LATCH 4BIT, BISTABLE L5194A SHIFT REG., 4BIT BI-D L500 NAND-GATE-QUAD 2IN, P L502 NOR-GATE-QUAD 2IN 74L504 INVERTER GATE, HEX L508 AND GATE-TRIPLE 3IN L510 NAND GATE-TRIPLE 3IN L511 AND GATE-TRIPLE 3IN L520 NAND GATE-DUAL 4IN L530 NAND GATE-SINGLE BIN L531 A-O-I GATE 2-WIDE 2IN L554 A-O-I GATE 3-2-TRIG L554 K-OR GATE-QUAD 2IN L574 FF-D DUAL, EDGE TRIG L530 NE SHOT-DUAL L5123 ONE SHOT-DUAL L5123 MUX 1 OF 4 (DUAL)	E 1	14,E25 E84 ,E78 ,E79,E86 ,E50,E51,E33,E42,E24.
61 61 1912847-00 62 62 1912867-00 63 63 1913939-00 64 64 54 5408778-00 65 65 9000024-01 66 66 9009185-00 67 67 9105740-55 68 68 1304837-00	LS157 MUX 1 OF 2(QUAD) LS298 MUX 1 OF 4,2IN W/S LS191 COUNTER,SYNCAR. UP/D PLUG PRIORITY EYELET,ROLL FLANGE 1210DX 192 JUMPER, WIRE, INSULATED, BLACK B WIRE(WRAP)30AWG UL1423 24.0 K .25 W 5.0 % CC	3 E22.E23,E35 E3.E15 7 E21.E30,E73 E57 12 3 W2,W4,W9 A/R 1 R18	,E50,E51,E33,E42,E24. ,E59,E60,E43,E66
++++++++++++++++++++++++++++++++++++++	++++++++++++++++++++++++++++++++++++++	SIZE CODE DOCUM	ent number Rev
D I I G I I T A L UNIBUS SER	IAL BUS CONTROLLER SECTION A	OF A K PL M7982	-0-DBP D

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FIELD SERV.

SHEET I OF 1

TABLE OF CONTENTS

B-TC-TS @4-A-&1 K-PL-M8962-Ø-DBP B-DD-TS 34-A D-UA-M8963-Ø-Ø* E-UA-TSØ4-A-Ø D-CS-M8963-Ø-1 E-UA-TSØ4K-A-Ø K-PL-M8963-Ø-DBP D-UA-M8964-Ø-Ø* B-PL-TS11K-AA-Ø D-CS-M8964-0-1 B-PL-TS11K-AB-Ø UNIT VARIATIONS B-DD-5412989-Ø K-PL-M8964-Ø-DBP **COVERED BY THIS** D-UA-M8965-Ø-Ø* E-UA-5412989-Ø-Ø* PRINT SET D-CS-M8965-Ø-1 D-CS-5412989-0-1 TS11-AA K-PL-5412989-Ø-DBP K-PL-M8965-Ø-DBP TS11-AB D-UA-GØ57-Ø-Ø* D-UA-M8966-Ø-Ø* TS04-A-D-CS-GØ57-Ø-1 D-CS-M8966-Ø-1 K-PL-GØ57-Ø-DBP K-PL-M8966-Ø-DBP D-UA-G157-Ø-Ø* D-UA-M8967-Ø-Ø* D-CS-G157-Ø-1 D-CS-M8967-Ø-1 K-PL-G157-Ø-DBP K-PL-M8967-Ø-DBP **Field Maintenance** D-UA-G158-Ø-Ø* D-UA-M8968-Ø-Ø* D-CS-G158-Ø-1 D-C3-M8968-Ø-1 **Print Set** K-PL-G158-Ø-DBP K-PL-M8968-0-DBP D-UA-G159-Ø-Ø* 2-AD-7Ø16288-Ø-Ø D-CS-G159-Ø-1 B-DD-7Ø16288-Ø B-PL-7Ø16288-Ø-Ø K-PL-G159-Ø-DBP D-UA-5413692-7-Ø* D-UA-54136Ø9-Ø-Ø* D-CS-5413692-Ø-1 D-CS-54136Ø9-Ø-1 K-PL-5413692-Ø-DBP K-PL-5413609-Ø-DBP **Digital Equipment** D-UA-M8922-Ø-Ø* D-CS-5411086-Ø-1 D-CS-M8922-Ø-1 D-UA-H744-Ø-A Corporation K-PL-M8922-Ø-DBP D-CS-H744-Ø-1 D-AD-7Ø16287-Ø-Ø D-UA-M8923-Ø-x'* PRINT SET ORDER D-CS-M8923-Ø-1 B-PL-7016287-0-0 * INCLUDE SHEET 1 OHLY --PL-M8923-Ø-DBP K-PL-TS #4-A-DBP NO. MP03848 D-UA-M8924-Ø-Ø* D-CS-M8924- J-1. K-PL-M8924-Ø-DBP D-UA-M8929-Ø-Ø* D-CS-M8929-Ø-1 K-PL-M8929-Ø-DBP D-UA-M8962-Ø-Ø* D-CS-M8962-Ø-1 DRN. DATE USED ON OPTION/MODEL < C 3/79 G.Marini TS11 TITLE: DATE CHK'D Š FIELD MAINTENANCE PRINT SET (TSØ4) CHG. R. Tremblay 7/79 PROJ. ENG. DATE

DRB 124

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DRAWING DIRECTORY

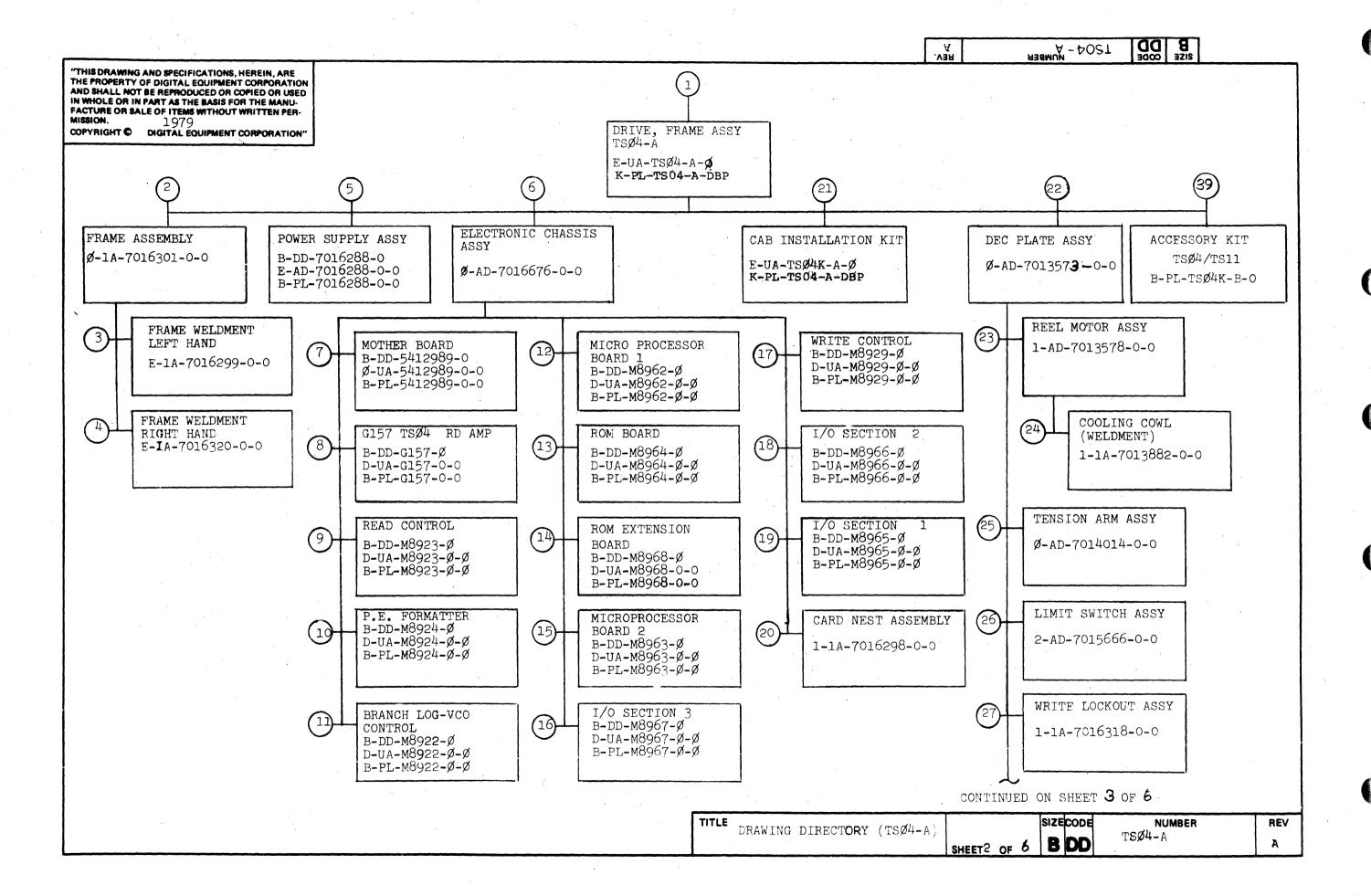
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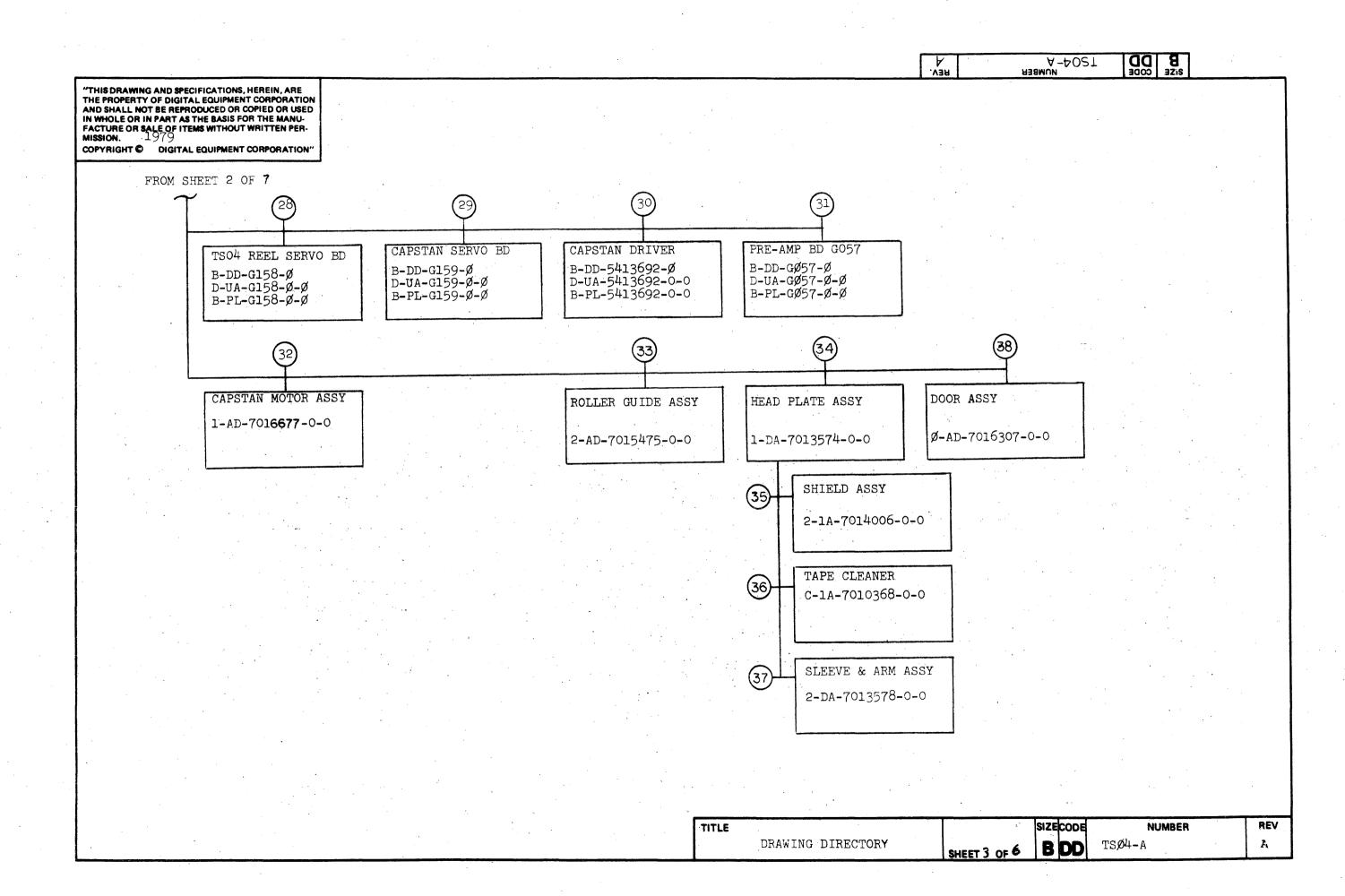
FOR TABLE OF CONTENTS LISTING REFER TO DRAWING NO. B-TC-TSO4-A-O1 (FIELD MAIN PRINT SET)

B-TC-TS\$\Phi 4-A-O2 (CUSTOMER PRINT SET)

	UNIT VARIATIONS
VAR	TITLE
TSO4-AA TSØ4-AB	DRIVE, FRAME ASSY (TSØ4-A) 120V DRIVE, FRAME ASSY (TSØ4-A) 240V

	REV.	G .									USED ON OPTION/MODEL	G. Marini	DATE 3/12/79		RAWING	DIRECTORY	digital
١	₩. 0.000	200						• .			TS11-A	CHK'D.	DATE	 	rs04- <i>i</i>	A) :	
Cion	ANGE	Tal - 44			· · · · ·	÷						PROJ. ENG.	7/18/79 DATE				
6	5	061		•					•			m. Cuema	7/19/25	1 _ 1	DD	NUMBER TSO4-A	REV
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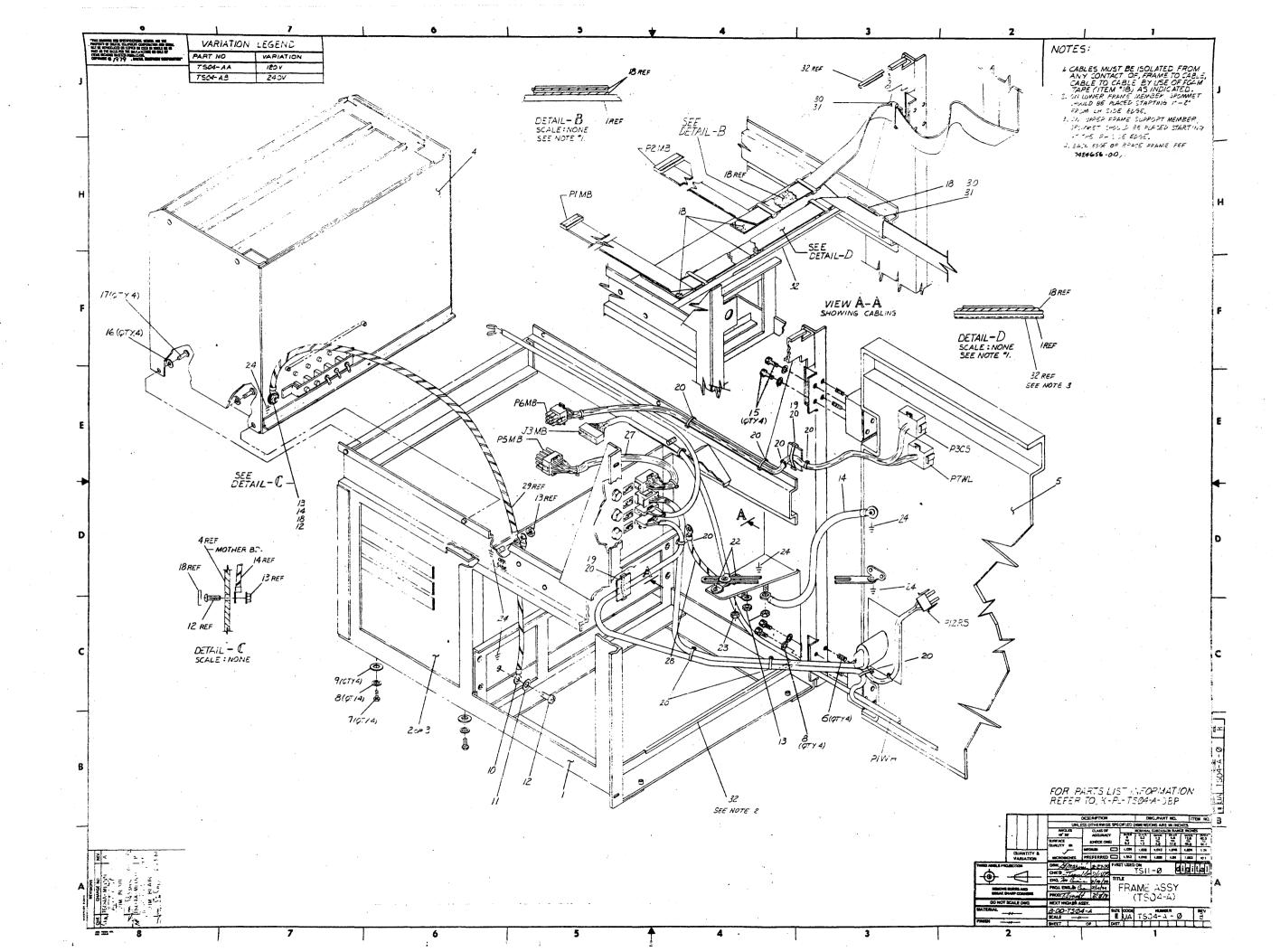


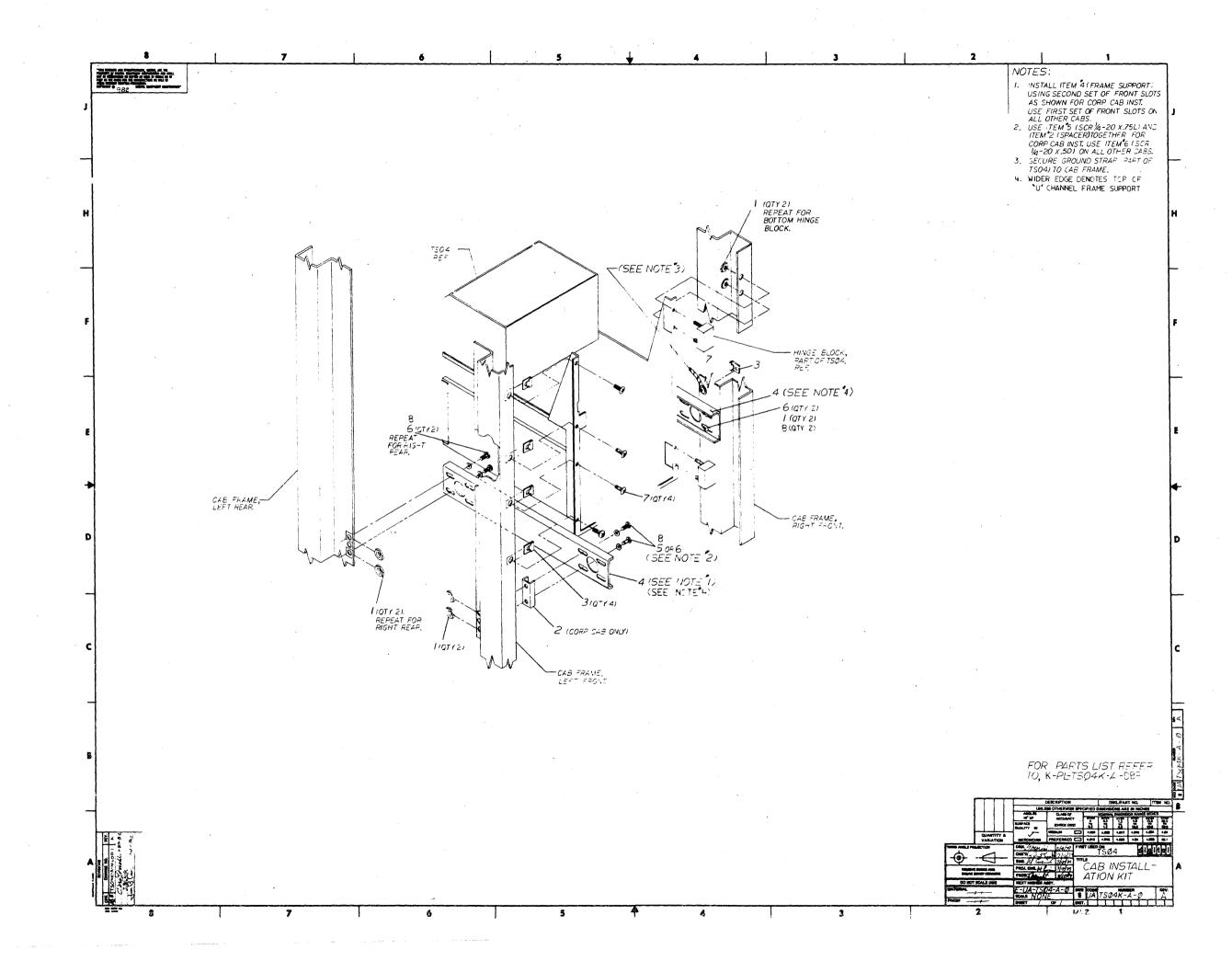


FIND NO	DRAWING NO.	DESCRIPTION	TYPE		FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	E-UA-TSØ4-A-Ø	DRIVE, FRAME ASSY (TSØ4-A)	E/M	┨├─	9	B-DD-M8923-Ø	DRAWING DIRECTORY	
	K-PL-TS04-A-DBP	PARTS LIST	E/M			D-UA-M8923-Ø-Ø	READ CONTROL	E/M
	B-TC-TS04-A-01	TABLE OF CONTENTS (TSØ4-A)		$\dagger \vdash$		B-PL-M8923-Ø-Ø	READ CONTROL (PL)	E/M
	2-1A-7422626-0-0	STRAP GROUND	· M	╢		Б-1 Б-МО Э2 3-р-р	NEAD CONTROL (11)	
	EKOTSII-UG	USER GUIDE	REF	╅├╌				
	EKOTSII-TM	TECH MANUAL	REF		LO	B-DD-M8924-Ø	DRAWING DIRECTORY	
	EKOTSII- SV	POCKET SERVICE GUIDE	REF	114		D-UA-M8924-Ø-Ø	P.E. FORMATTER	E/M
$\neg +$	<u> </u>	7,00,12, 02,17,02 00,02	7147	11		B-PL-M8924-Ø-Ø	P.E. FORMATTER (PL)	E/M
				1	1			
	Ø-1A-7016301-0-0	FRAME ASSY	M	垣	11	B-DD-M8922-Ø	DRAWING DIRECTORY	
	1-MD-7422062-0-0	SPACER FRONT	M	↓		D-UA-M8922-Ø-Ø	BRANCH LOG-VCO CONTROL	E/M E/M
	1-MD-7422061-0-0	BRACE, CENTER	M	┥├─		B-PL-M8922-Ø-Ø	BRANCH LOG-BCO CONTROL (PL)	E/M
	1-MD-7422060-0-0	SUPPORT, POWER SUPPLY	M	┨┝				
	1-MD-7422064-0-0	SPACER, REAR	M	╢	+	B-DD-M8962-Ø	DDALITING DIDECTORY	
	E-1A-7422058-0-0	SPACER, MIDDLE	M_	┨┝╧	12	D-UA-M8962-Ø-Ø	DRAWING DIRECTORY MICROPROCESSOR BOARD 1	E/M
				┨┝╴		B-PL-M8962-Ø-Ø	MICROPROCESSOR BOARD 1 (PL)	E/M
2	E-1A-7016299-0-0	FRAME WELDMENT LEFT HAND	<u> </u>	┨┝╴		D-LT-W0305-N-N	MICHOPROCESSOR BOARD I (PD)	E/M
	I-MD-7422067-0-0	SUPPORT L.H.	M	1	_			
	1-MD-7422084-0-0	FRAME SIDE L.H.	M	1]	13	B-DD-M8964-Ø	DRAWING DIRECTORY	1
				1[D-UA-M8964-Ø-Ø	ROM BOARD	E/M
-	E-1A-7016320-0-0	FRAME WELDMENT RIGHT HAND	M	1		B-PL-M8964-Ø-Ø	ROM BOARD (PL)	E/M
	1-MD-7422066-0-0	SUPPORT R.H.	M					
-	1-MD-7422084-0-0	FRAME SIDE R.H.	M					
						B-DD-M8968-Ø	DRAWING DIRECTORY	[
				JL		D-UA-M8968-Ø-Ø	ROM EXTENSION BOARD	E/M
	B-DD-7016288-0	DRAWING DIRECTORY POWER SUPPLY ASSY		JL		B-PL-M8968-Ø-Ø	ROM EXTENSION BOARD (PL)	E/M
	E-AD-7016288-0-0	POWER SUPPLY ASSY	E/M					
	B-PL-7016288-0-0	POWER SUPPLY ASSY (PL)	E/M					
						B-DD-M8963-Ø	DRAWING DIRECTORY	
				┧┞		D-UA-M8963-Ø-Ø	MICROPROCESSOR BOARD 2	E/M
						B-PL-M8963-Ø-Ø	MICROPROCESSOR BOARD 2 (PL)	E/M
	Ø-1A-7016676-0-0	ELECTRONIC CHASSIS ASSY	E/M	44				
	2-MD-7419785-0-0	ANGLE MOTHER BD	M	41-				
	2-MD-7419784-0-0	INSULATOR CARD GUIDE	M	<u> </u>		B-DD-M8967-Ø	DRAWING DIRECTORY	
	2-MD-7418050-0-0	BAR RETAINER	M			D-UA-M8967-Ø-Ø	I/O SECTION 3	E/M
	1-1A-7016285-0-0	CABLE, FAN LOGIC	E/M	╢		B-PL-M8967-Ø-Ø	I/O SECTION 3 (PL)	E/M
7	B-DD-5412989-0	DRAWING DIRECTORY			17	B-DD-M8929-Ø D-UA-M8929-Ø-Ø	DRAWING DIRECTORY	
	Ø-UA-5412989-0-0	MOTHER BOARD	E/M	_			WRITE CONTROL	E/M
	B-PL-5412989-0-0	MOTHER BOARD (PL)	E/M	4		B-PL-M8929-Ø-Ø	WRITE CONTROL (PL)	E/M
=	B-DD-G157-Ø	DRAWING DIRECTORY		7				
	Ø-UA-G157-0-0	G157 TSØ4 RD AMP	E/M					
	B-PL-G157-0-0	G157 TSØ4 RD AMP (PL)	E/M					
				7				
TYPE	E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL		digital	T	TTLE DRA	AWING DIRECTORY	SHEET 4 OF 6 B DD TSØ4-A	REV A

FIND NO	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
<u>8</u>	B-DD-M8966-Ø	DRAWING DIRECTORY			A-PS-1234813-0-0	COVER HEAD RIGHT	M
-	D-UA-M8966-Ø-Ø	I/C SECTION 2	E/M		A-PS-1214812-0-0	COVER HEAD LEFT	M
	B-PL-M8966-Ø-Ø	I/O SECTION 2 (PL)	. E/M		A-PS-1215655-0-0	SWITCH INTERLOCK	M
-				<u> </u>	A-PS-1214815-0-0	COVER HUB	M
<u> </u>					A/1-PS-1214816-0-0	RING CENTER	M
19	B-DD-M8965-Ø	DRAWING DIRECTORY			A-PS-1214946-0-0	RING RUBBER	M
-	D-UA-M8965-Ø-Ø	I/O SECTION 1	E/M	-	D-PS-1213119-0-0	HUB QUICK RELEASE	M
	B-PL-M8965-Ø-Ø	I/O SECTION 1 (PL)	E/M_		A-PS-1214843-0-0	LATCH	M
<u></u>					A-PS-1215235-0-0	LID SUPPORT	М
-					2-MD-7422583-0-0	INSULATOR GØ57	М
20	1-1A-7016298-0-0	CARD NEST ASSY	M		A-PS-1214955-0-0	HINGE DEC PLATE	M
	1-1A-7422065-0-0	SUPPORT CARD GUIDE	M		2-MD-7418032-0-0	INSULATOR G158	M
	1-1A-7422081-0-0	PANEL CHASSIS	M		A-PS-1214609-0-0	LATCH GRIP	M
ļ	1-MD-7422063-0-0	BRACKET FAN	M	ļ	1-IA-7014149-0-0	CABLE WRITE HEAD	E/M
<u> </u>				<u> </u>	1-IA-7013582-0-0	CABLE READ HEAD	E/M
			· .		1-IA-7016284-0-0	CABLE POWER R/W	E/M E/M
<u> </u>				ļ	1-IA-7016259-0-0	HARNESS C/P	E/M
21	E-UA-TSØ4K-A-Ø	CAB INSTALLATION KIT	M	ļ	2-IA-7016528-0-0	CABLE INTERCONNECT	E/M
	K-PL-TS04-A-DBP	PARTS LIST	M		D-IA-7013577-0-0	HARNESS DRIVE	E/M
-					1-IA-7016258-0-0 1-IA-7014186-0-0	HARNESS W/L/L CABLE ASSY/FOLDED	E/M E/M
-					<u> </u>		
	d in 5020570 0 0	DOWN DIAME AGGS	7./16	-	A-PS-1215031-0-0	LID SUPPORT D/S	M
22	Ø-AD-7013573-0-0	DECK PLATE ASSY	E/M	-	1-IA-7013581-0-0	CABLE ASSY FOLDED	E/M E/M M
ļ	Ø-MD-7417657-0-0	DECK PLATE	M		1-IA-7014136-0-0	TRANSDUCER AND CONNECTOR ASSY	- F/M
<u></u>	2-MD-7418013-0-0	SPACER MOTOR MTG PLATE CABLE	M M		2-MD-7418507-0-0	BRACKET INTERLOCK	M_
	2-MD-7418016-0-0			 			
-	2-MD-7418008-0-0	BLOCK TRANSDUCER	M	-		<u> </u>	
-	2-MD-7418048-0-0	BLOCK BASE	M		 		
	2-MD-7418049-0-0	BLOCK SPRING ADJ	M				
ļ	2-MD-7418012-0-0	PIN RAMP	M	100	1 45 7010579 0 0	DEDT MOROD AGGIZ	
	1-MD-7418009-0-0	BRACKET GUSSET L.H.	M	23	1-AD-7013578-0-0	REEL MOTOR ASSY	E/M
	1-IA-7418004-0-0	BRACKET GUSSET R.H.	M	 	A-PS-1214528-0-0	REEL MOTOR	E/M
<u> </u>	1-IA-7418022-0-0	BLOCK HINGE	M	 	A/C-PS-1214606-0-0	BRAKE MOTOR	E/M E/M
	1-MD-7418014-0-0	HOLDER PRE-AMP	M	ļ	1-1A-7014362-0-0	HARNESS CAPACITOR FAN	E/M
	1-MD-7418015-0-0	COVER PRE-AMP	M	 			
	2-MD-7417985-0-0	BLOCK CAPSTAN ADJ	M	1001			
	2-MD-7418036-0-0	STOP RUBBER	M	24	1-1A-7013882-0-0	COOLING COWL WELDMENT	M
<u> </u>	2-MD-7422071-0-0	SPACER	M	 	2-MD-7418506-0-0	SLEEVE COWL	M
·	2-MD-7421766-0-0	COVER G158	<u>M</u>	 	2-1A-7418505-0-0	FLANGE COWL	M
	2-MD-7418010-0-0	CAPSTAN	<u>M</u>	 	2-MD-7418006-0-0	BRACKET COWLMTG	M
-	2-MD-7418021-0-0	CLAMP CAPSTAN	<u>M</u>				
	Ø-MD-7418878-0-0	HUB INNER	M	 	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
-	D-MD-7417902-0-0	FLANGE	M	25		TENSION ARM ASSY	E/M
	2-MD-7418507-0-0	BRACKET SWITCH	M		2-MD-7417982-0-0	SHAFT PIVOT	M M M
<u> </u>	1-MD-7422508-0-0	BRACKET DOOR STAY	M		2-MD-7417989-0-0	ARM TENSION .	<u> </u>
-	D-DA-7418005-0-0	BEZEL	. M		2-MD-7417983-0-0	HOUSING TENSION ARM	- M
	A-PS-1214839-0-0	TLIP TUBULAR	<u> </u>	Щ	A/C-PS-1216060-0-0		1 250
TYP	E: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL		digital	TITL	E DRAWING DIRECTORY	TSØ4 SHEET 5 OF 6 B DD TSØ4-A	REV A

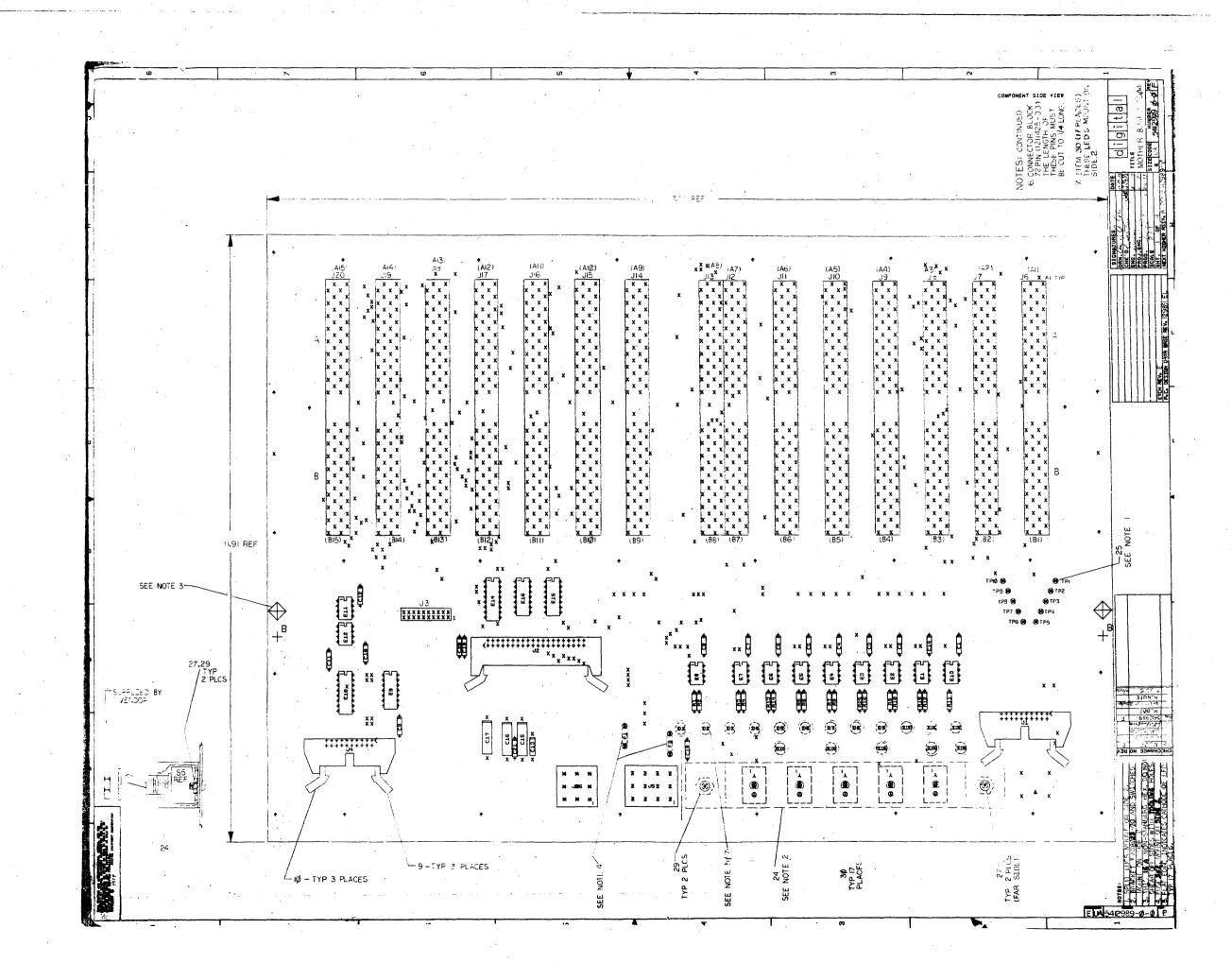
FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
25	A-PS-1214164 -0-0	BEARING	M	34		GUIDE, TAPE PIN	M
-					A/C-PS-1216060-0-0		M
26	2-AD-7015666-0-0	LIMIT SWITCH ASSY	E/M		A-PS-1209877-0-0	WASHER CERAMIC	M
	2-MD-7418035-0-0	BRACKET SWITCH	M	-	2-MD-7417900-0-0	WASHER CLAMP	M
	2-MD-7418035-0-0	SWITCH REWORK	E/M	-	2-MD-7420621-0-0 2-IA-7016662-0-0	WASHER	M
				-	2-1A-7010002-0-0	EOT/BOT ASSY SHAFT BUFFER	M
27	1-IA-7016318-0-0	WRITE LOCKOUT ASSY	E/M	-	B-MD-7422992-0-0 B-MD-7422993-0-0	WASHER	M
=1	2-IA-7422069-0-0	BRACKET W.L.O.	M	-	B-WD-1422993-0-0	MADDA	
	2-MD-7422070-0-0	ARM W.L.O.	M M	-			
	A-PS-1214548-0-0	SOLENOID		35	2-IA-7014006-0-0	CUITEID AGOV	
	2-IA-7016317-0-0	HARNESS WRITE LOCK	E/M E/M	132	2-MD-7418667-0-0	SHIELD ASSY SHIELD MAGNETIC FLUX	M M
-	2-MD-7422082-0-0	HOLDER ARM	M	-	2-MD-7418666-0-0	HOLDER	M
\neg	2-MD-1422002-0-0	HOLDER ARM		-	2-MD-7422487-0-0	SHIELD COPPER	· M
\neg					A-PS-1614497-0-0	FIRRITE	M
28	B-DD-G158-Ø	DRAWING DIRECTORY		-	H-73-1014491-0-0	FIRRIE	
-	D-UA-G158-Ø-Ø	TSØ4 REEL SERVO BD	E/M	36	C-IA-7010368-0-0	TAPE CLEANER	M
\neg	B-PL-G158-Ø-Ø	TSØ4 REEL SERVO BD (PL)	E/M	130	C-MD-7414126-0-0	SUPPORT SCRAPER	M
	B-PL-G150-p-p	1504 REEL SERVO BU (PL)		-	C-MD-7414127-0-0	SCRAPER, TAPE	1. N
29	B-DD-G159-Ø	DRAWING DIRECTORY			0 140 / 12 / 12 / 0 0	DOMITHIC TATE	
-	D-UA-G159-Ø-Ø	CAPSTAN SERVO BD	E/M				
	B-PL- G 159-Ø-Ø	CAPSTAN SERVO BD (PL)	E/M	37	2-DA-7013578-0-0	SLEEVE ARM ASSY	N
						ARM DAMPER	M
					2-MD-7420619-0-0 A-PS-1215236-0-0	SLEEVE BEARING	M
30	B-DD-5413692-0	DRAWING DIRECTORY					
<i>7</i>		CAPSTAN DRIVER	E/M	38	2-AD-7016307-0-0	DOOR ASSY	N
	D-UA-5413692-0-0 B-PL-5413692-0-0	CAPSTAN DRIVER (PL)	E/M	1	Ø-MD-7418027-0-0	DOOR	
					2-MD-7419698-0-0	WINDOW	I N
					2-IA-7419911-0-0	BRACKET LATCH	I N
2.7	B-DD-GØ57-Ø	DRAWING DIRECTORY			A-PS-1214956-0-0	HINGE	N
	D-UA-GØ57-Ø-Ø	PRE-AMP BOARD	E/M		A-PS-1214838-0-0	CLIP	Ň
	B-PL-GØ57-Ø-Ø	PRE-AMP BOARD (PL)	E/M		1		
				30	B-PL-TSØ4K-B-O	ACCESSORY KIT TSØ14/TS1J.	
 3	1-AD-7016677-0-0	CAPSTAN MOTOR ASSY	E/M			1100800001.1.1111.1.1000.	
-	1-PS-1214529-0-0	MOTOR CAPSTAN	M				
	2-MD-7417984-0-0	PLATE CAPSTAN MOTOR	. M				
	0 00 000 0	DOLLED GALLED ACCAL		 			
33	2-AD-7015475-0-0	ROLLER GUIDE ASSY	M	l 			
	A/C-PS-1215060-0-0						
	2-MD-7418011-0-0	CLAMP ROLLER GUIDE					
	1-MD-7418520-0-0	BASE ROLLER GUIDE	<u>M</u>				
34	1-DA-7013574-0-0	HEAD PLATE ASSY	E/M				
	D-MD-7418034-0-0	HEAD PLATE	М				
	A-SP-7412561-0-0	HEAD. MAG. 9TRK					
	B-MD-7418000-0-0	PLOCK AZIMUTH ADJ	M				
	2-MD-1218010-0-0	SPRING GUIDE	M				
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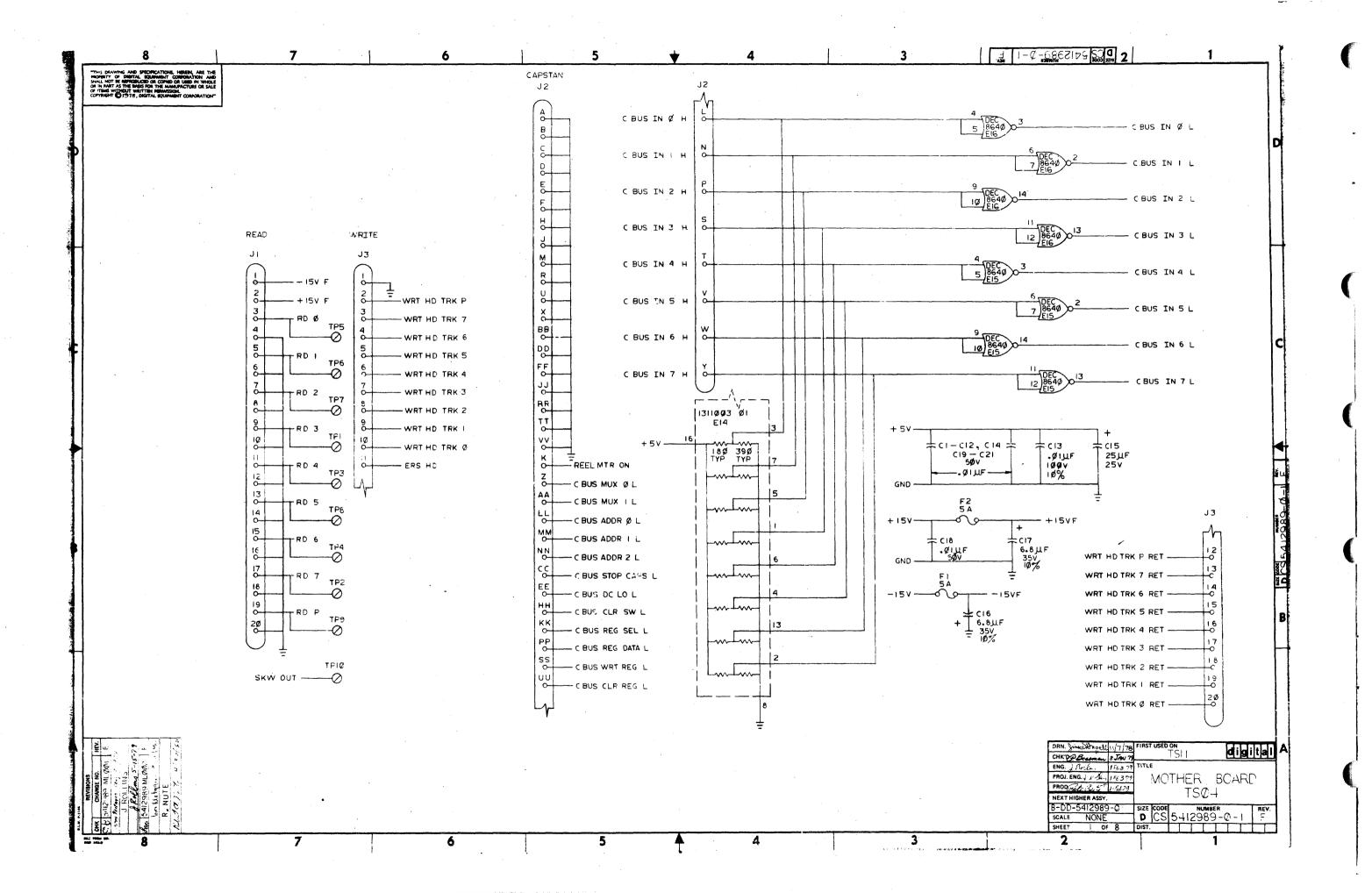


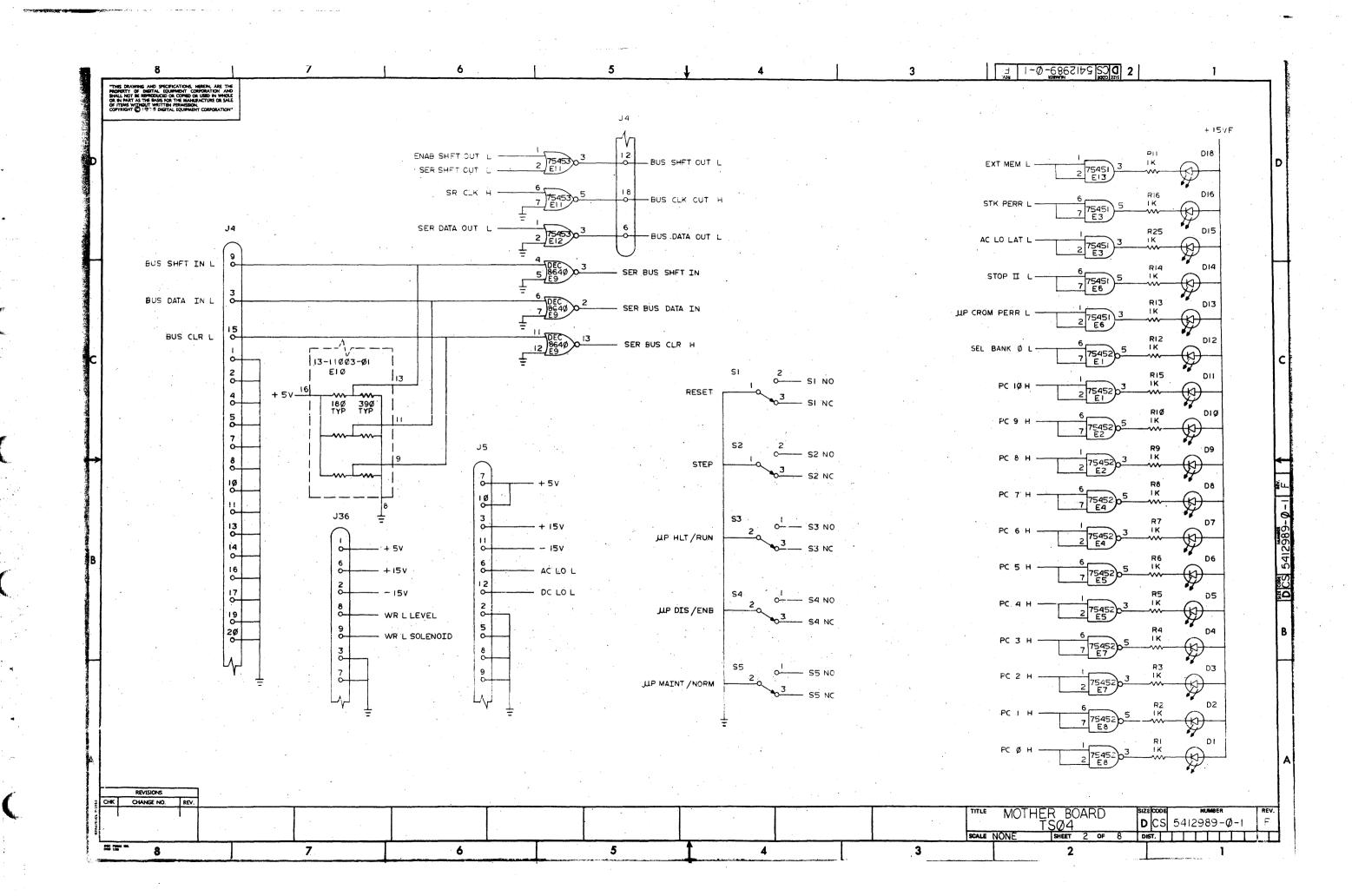


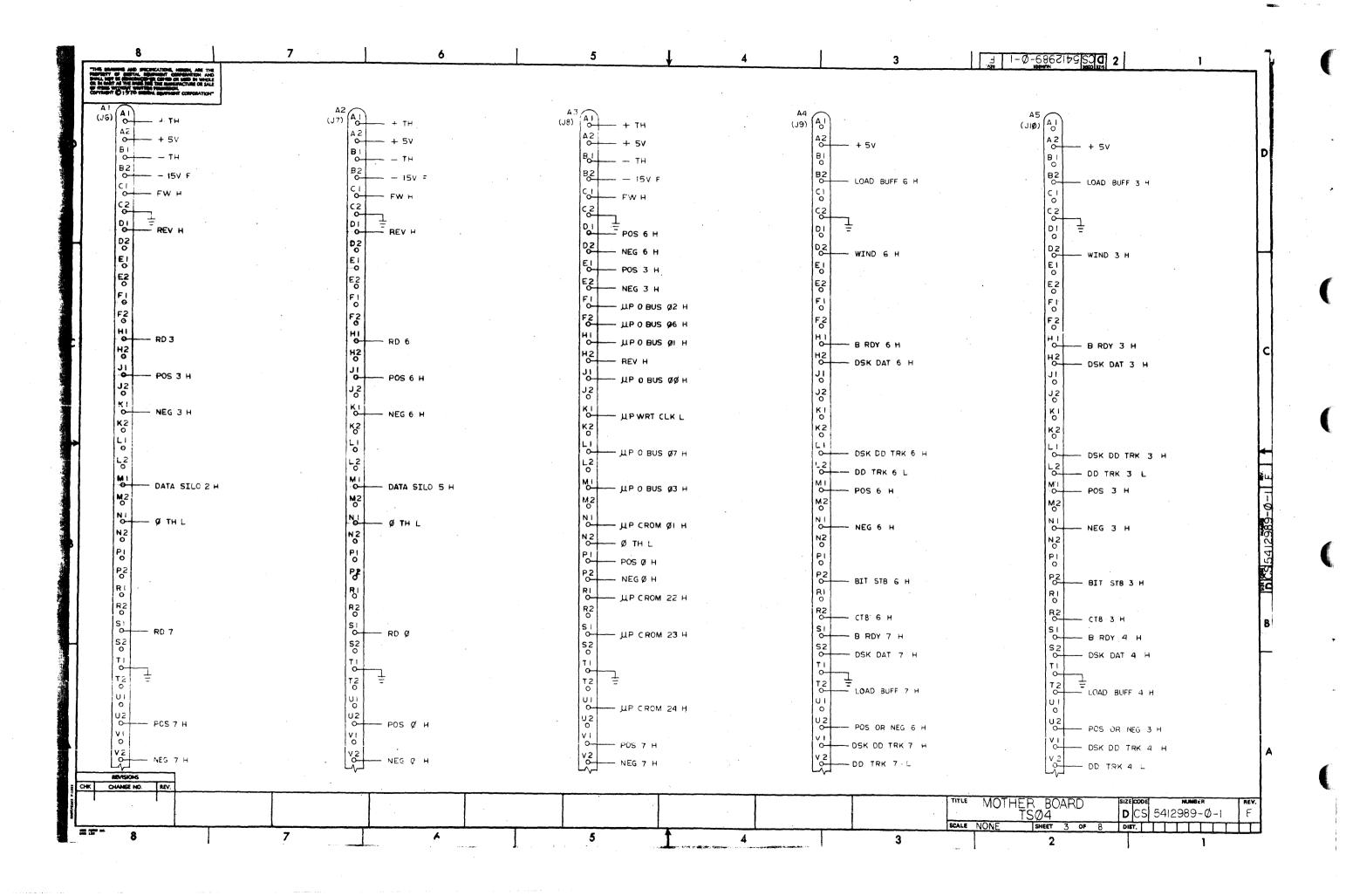
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NO.	DRAWING NO.	PART NO.	DESCRIPTION		TS1											REF DESIGNATION
1	D-AD-7016287-0-0	7016287-0	A.C. INPUT ASSY (120V)		1											
2	D-1A-1700083-0-0	1700083-00	POWER CORD ASSY (120V)		1											
3		9107253-0	TUBING SHRINK		A/R											
4	A-PS-3613210-0-0	3613210-00	LABEL (IDENTIFICATION)		1			1.								
5		9905136-00	BOX		1											•
5		9906200-01	PACKING BUBBLE PACK		A/R											
7		9009357-00	2" MASKING TAPE		A/R		l									
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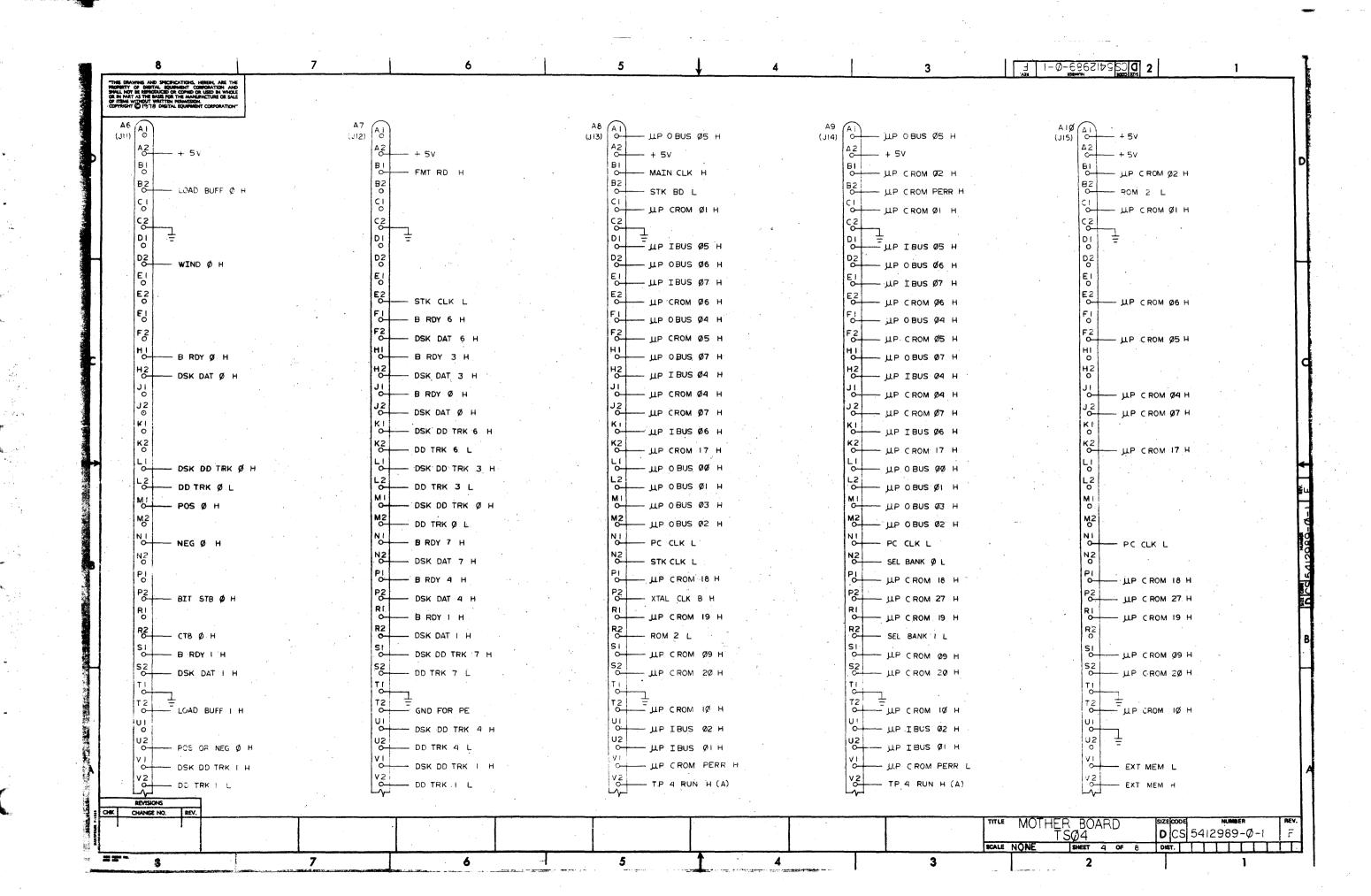
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TEM NO.		PART NO.	T T T T T T T T T T T T T T T T T T T	RIPTION		TS LIK-										REF DESIGNATION	
1	D-AD-7016287-0-0	7016287-01	A.C. INPUT ASSY	(240V)		1	+				+	+-					
2	D-1A-1700083-0	17-00083-17	POWER CORD ASSY	(240V)		1									.,		
3		9107253-0	TUBING SHRINK		A	/R											
4	A-PS-3613210-0-0	3613210-00	LABEL (IDENTIFI	CATION)		1			. <u>.</u>								
5		9905136-00	BOX] 1	.		-									
6		9906200-01	PACKING BUBBLE I	PACK	A/	'R										•	
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E.C.O. NO.	ML 002																
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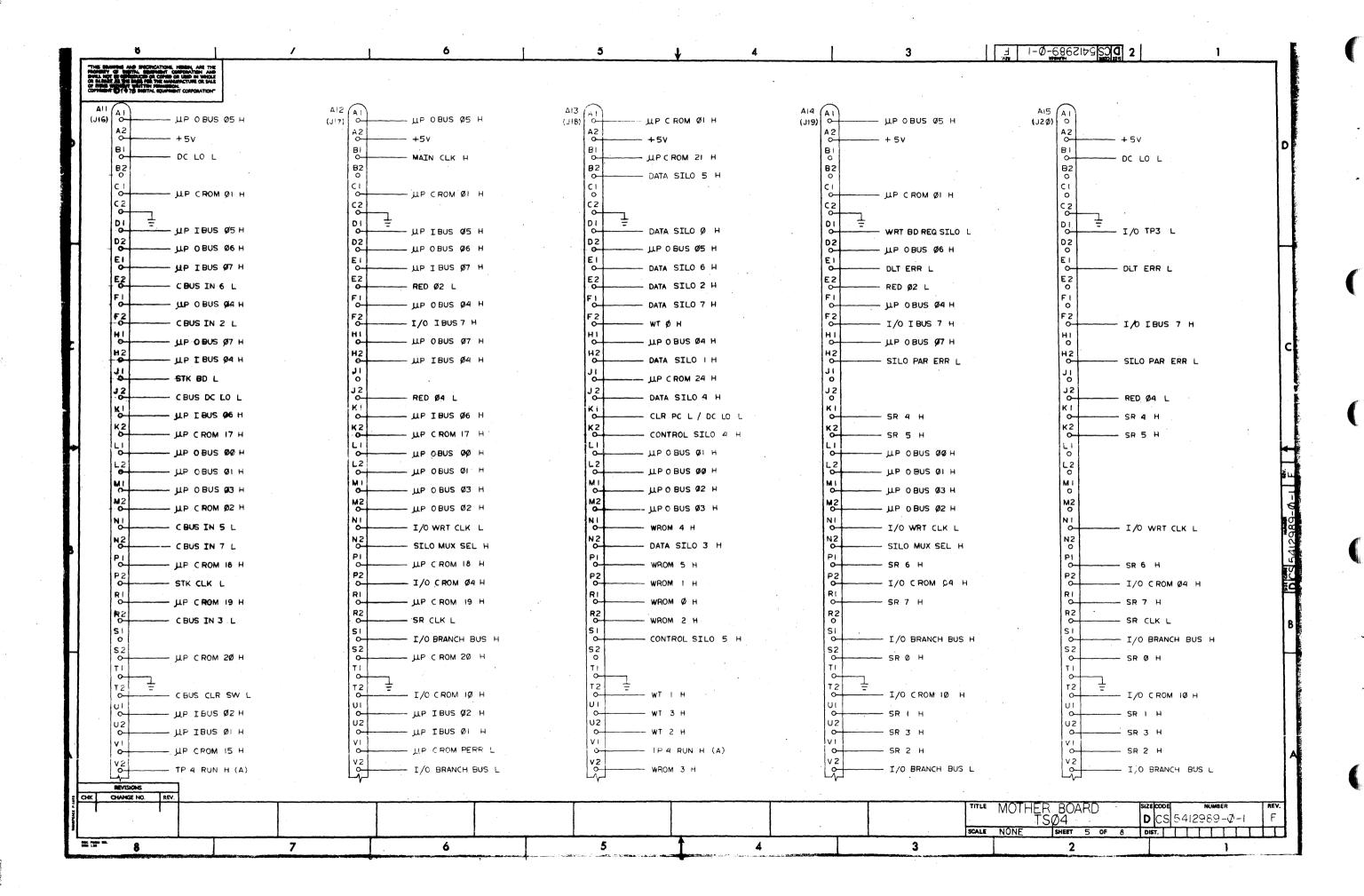


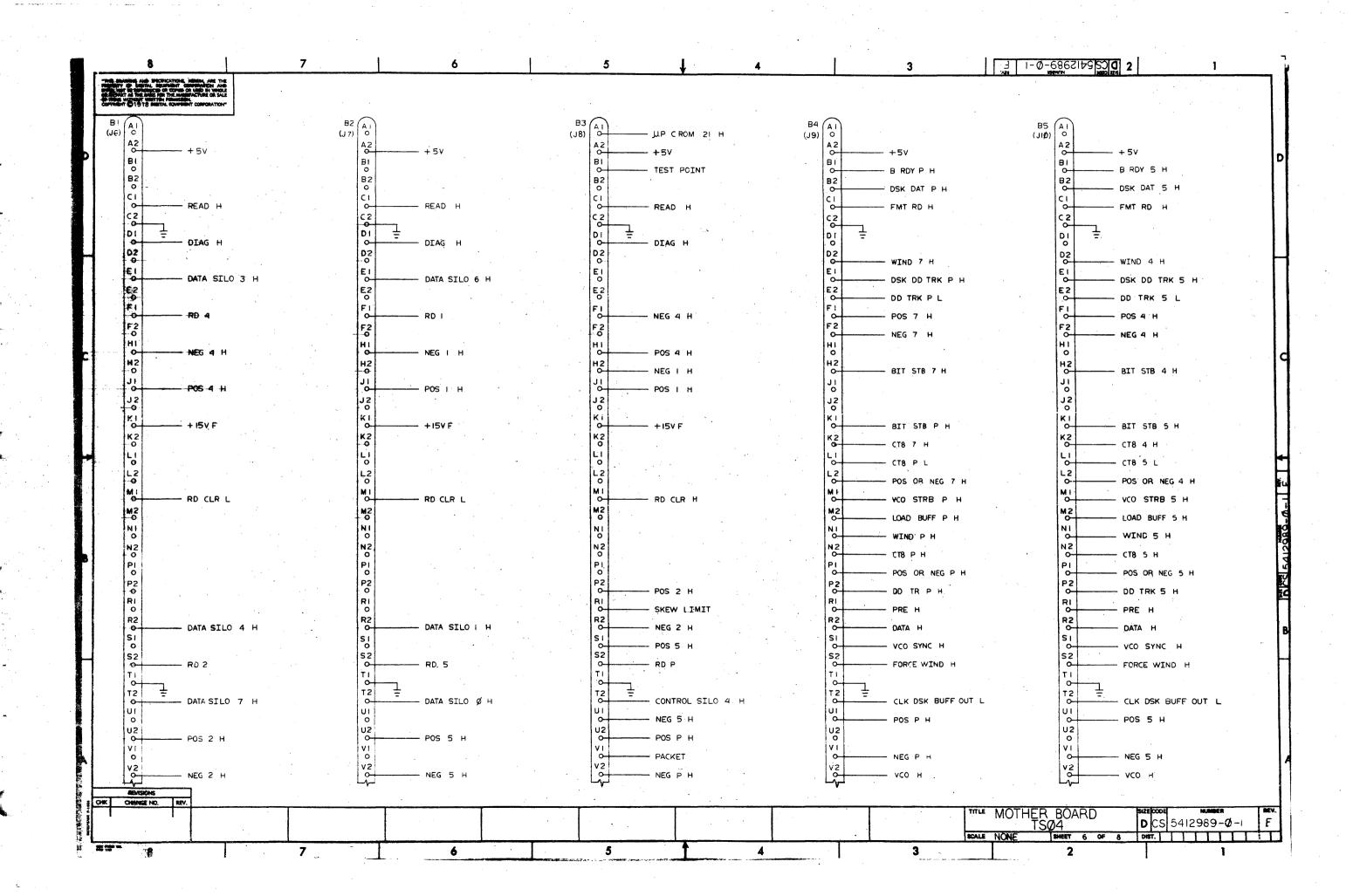


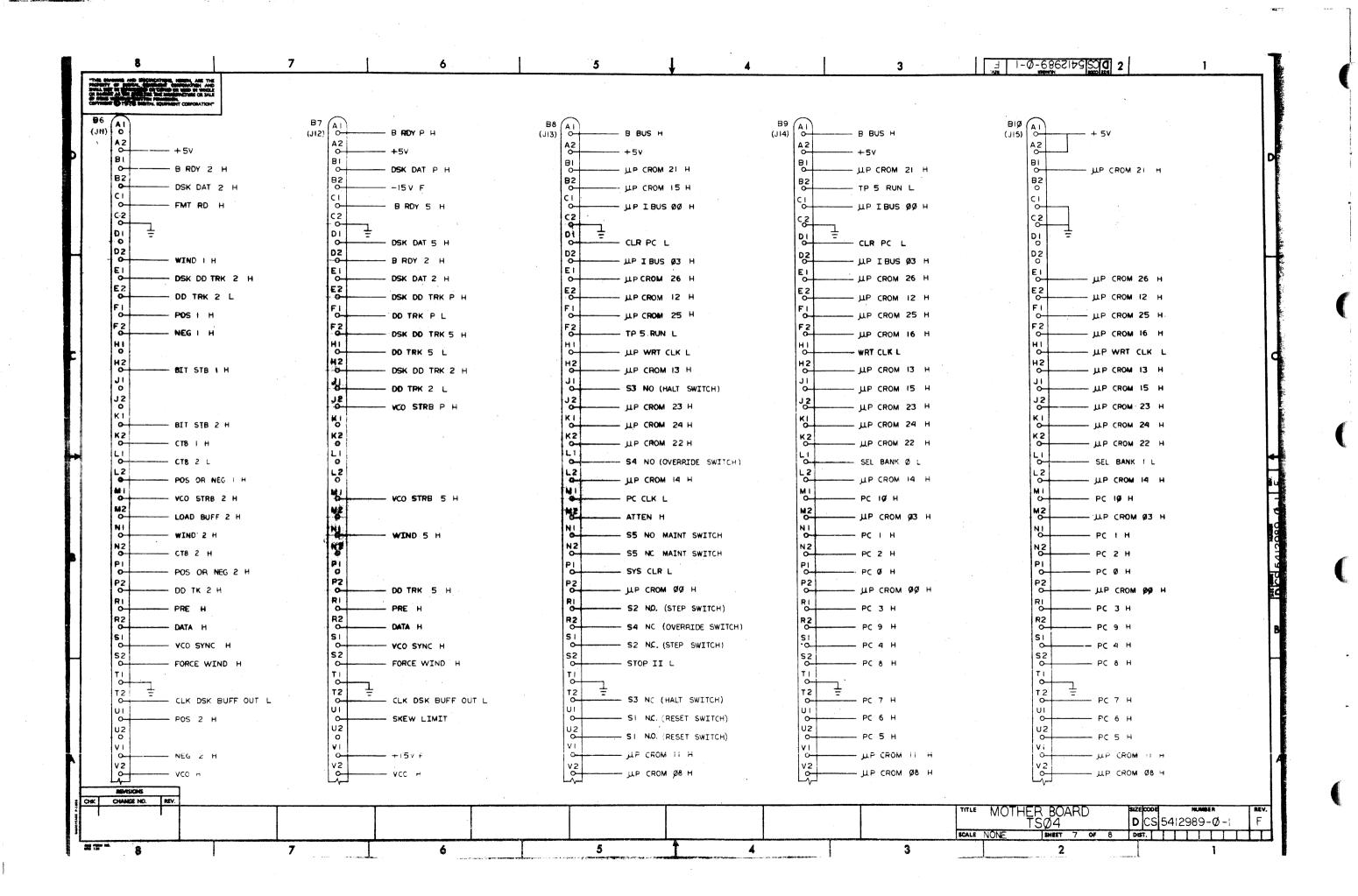


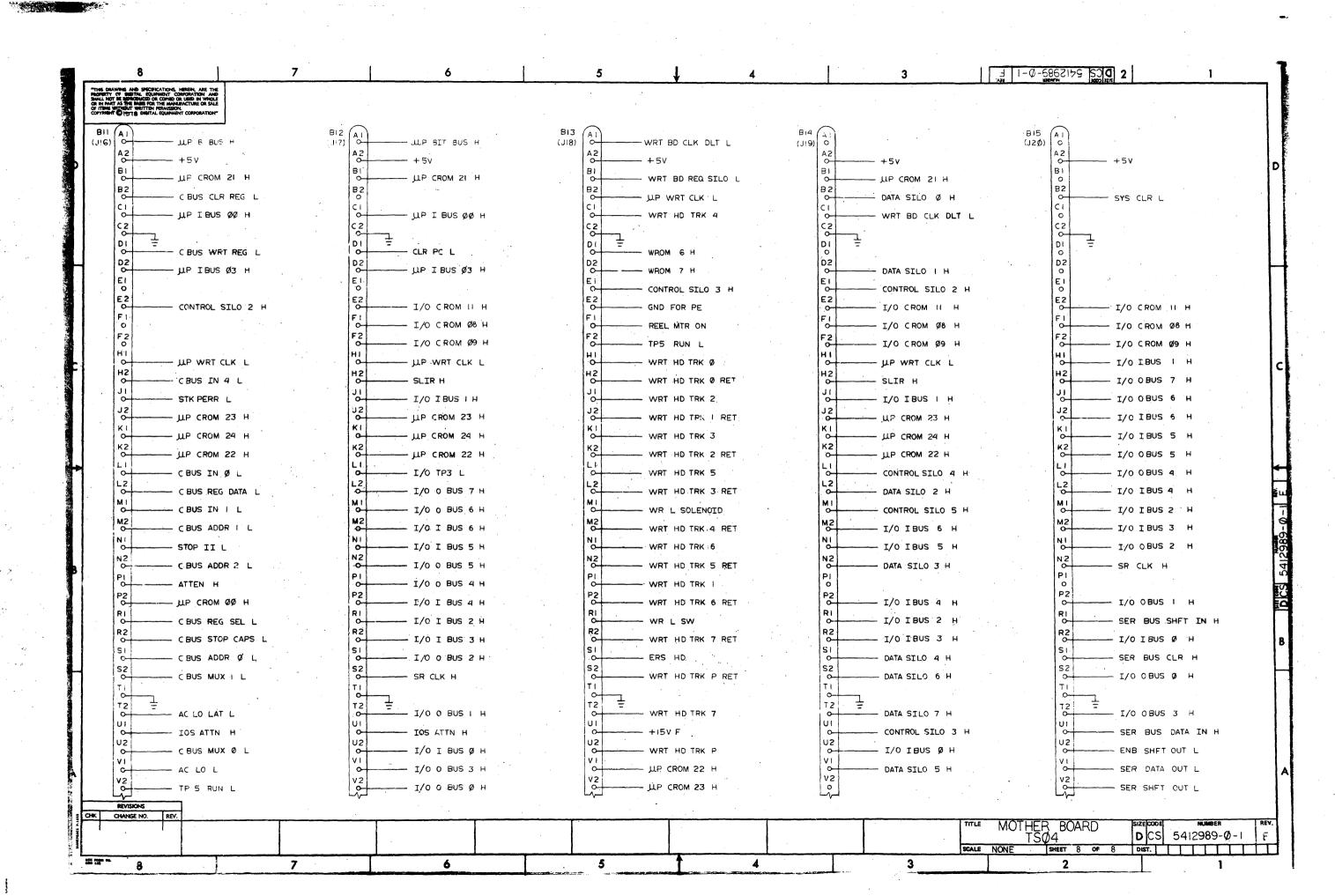












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PARTS LIST

SHEET A2 OF A2

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

REFERENCE DESIGNATOR

31 31

9107370-00

WIRE, STRND, 14AWG, TPVC UL1534

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32 NOTE: ITEM #30 USED UNDER D1-D16,D18.

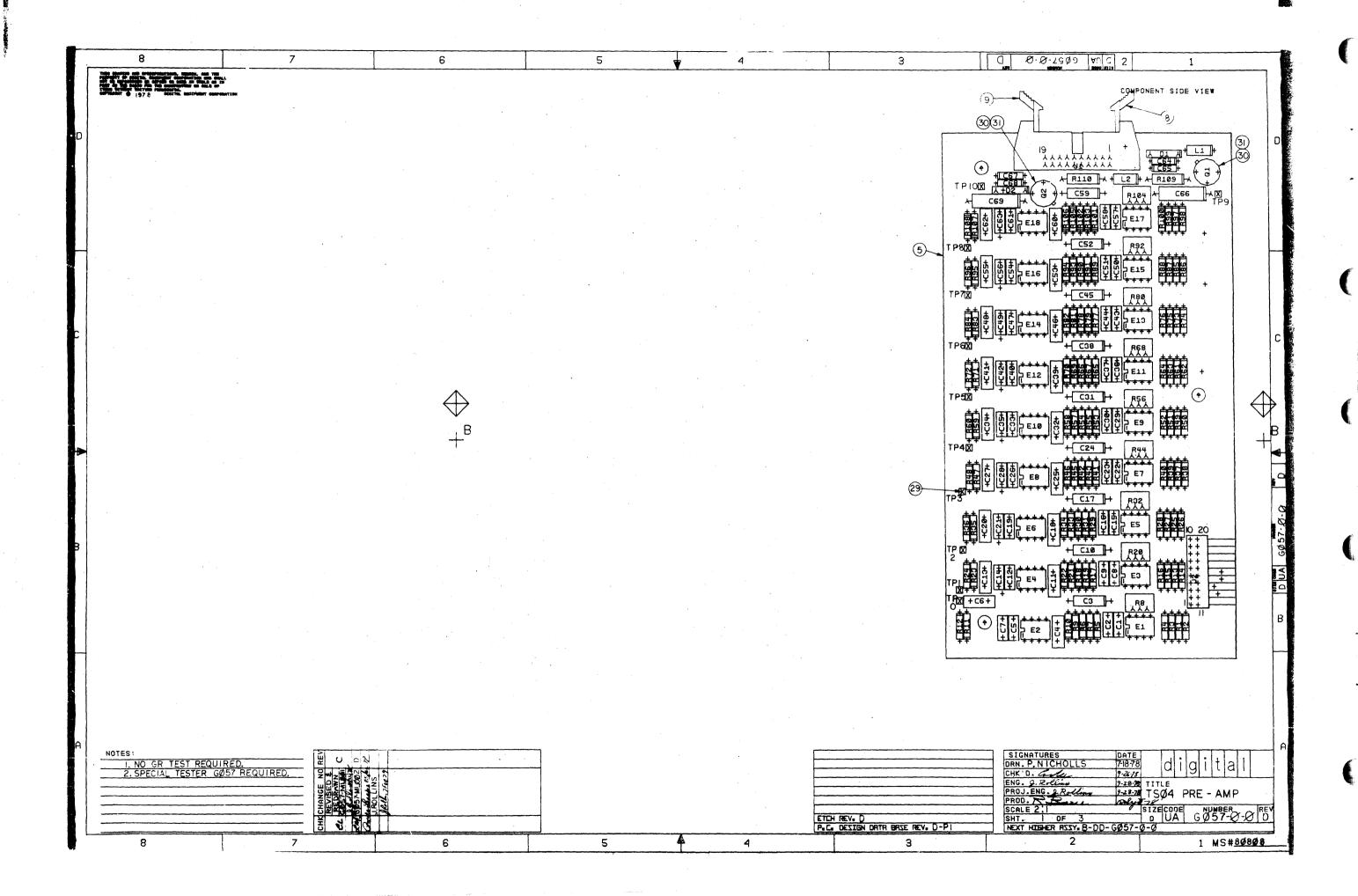
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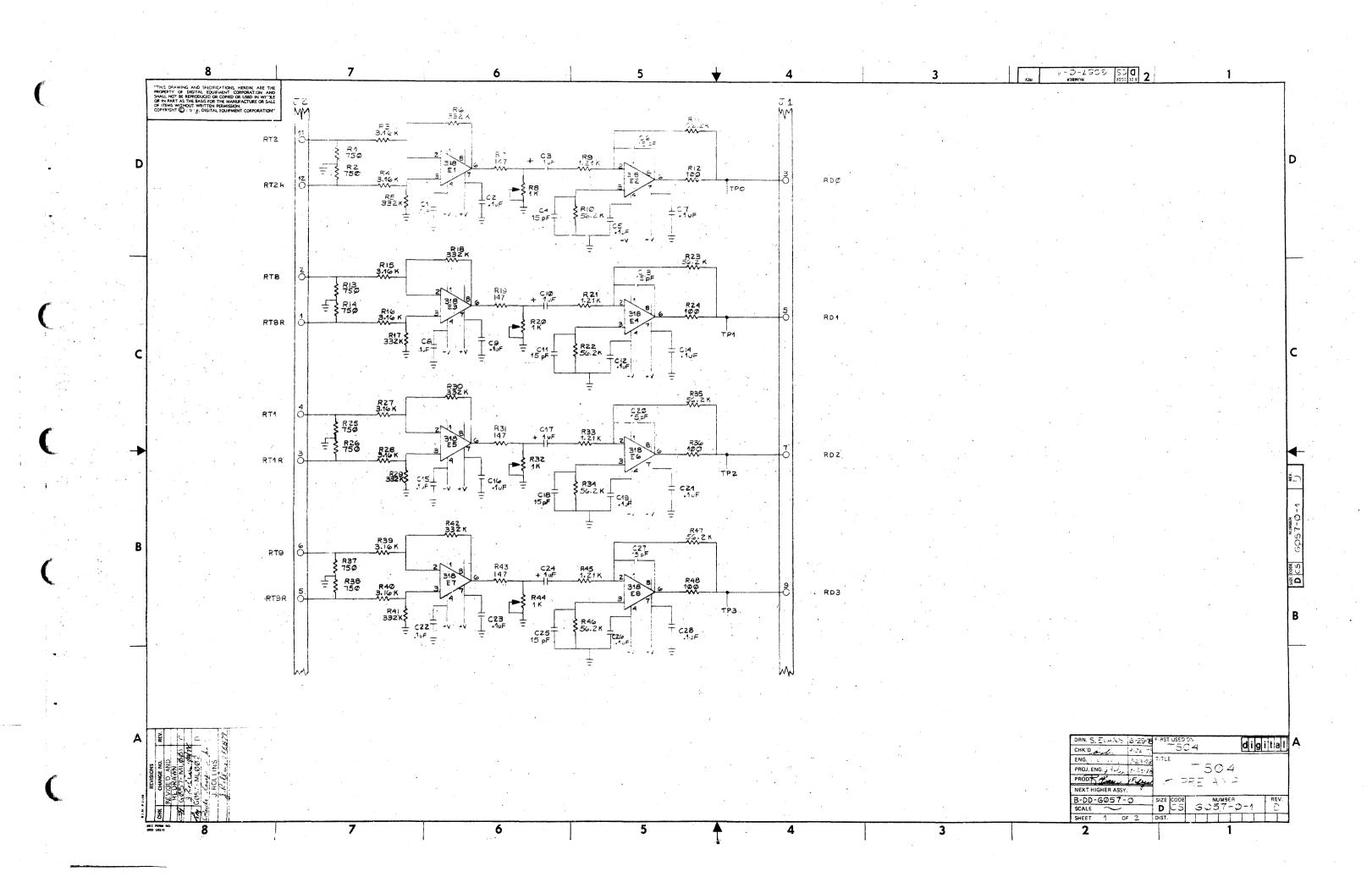
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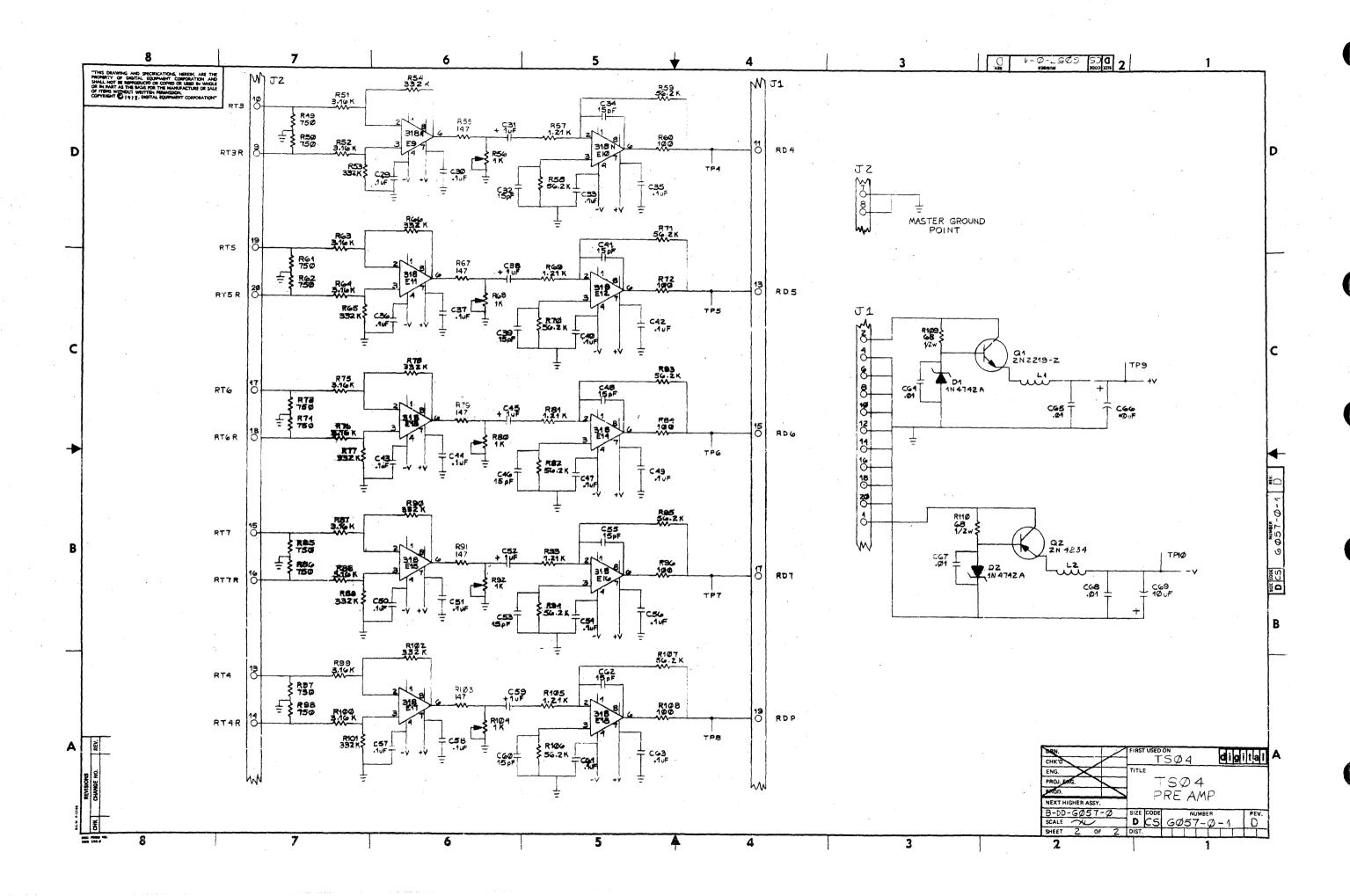
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AUTOMATED BY PRILST.2E(3) LINE ITEM DOCUMENT NUMBER	PART NUMBER	PARIS LIST DESCRIPTION	SHEET A1 OF A2 GTY PER VARIATION DD REFERENCE DESIGNATOR
1	5011944-00 1002427-00	CIRCUIT SCHEMATIC UNIT ASSEMBLY DRAWING DIRECTORY DRILL & ETCH DRAWING GOS7 15.0 MMF 100V 5%200PPM MICA	REF REF REF REF 1 18 C4,C6,C11,C13,C18,C20,C25,C27, CONT C32,C34,C39,C41,C46,C48,C53,C55,
7 7 8 8 9 9 10 10 11 11 12 12 13 13	1213488-02 1209941-03 1209941-04 1209941-06 1910735-02 1001610-00 1010978-36	CONN 20POS HOUSING STRAIGH HEADER RT ANGLE LEFT L HEADER RT ANGLE, RIGHT HEADER 100 20POS RT ANGLE 318 OP AMP .01 MFD 50V +80-20% 25U CER .1 MFD 50V 10% CER	CONT C60,C62 1 1 1 1 1 18 18 19 19 10 10 11 18 19 10 10 10 11 11 12 13 14 14 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19
14 14 15 15 16 16 17 17	1001776-00 1004813-00 1109502-02 1302874-00	1 MFD 35V 10% S.TANT 10 MFD 20V 10% S.TANT 1N 4742A VZ= 12.0 5% 1W 147.0 .25 W 1.0 % RN55D-F10	CONT C30,C33,C35,C36,C37,C40,C42,C43, CONT C44,C47,C49,C50,C51,C54.C56,C57, CONT C58,C61,C63 C3,C10,C17,C24,C31,C38,C45,C52, CONT C59 C66,C69 C7,R19,R31,R43,R55,R67,R79,R91,
18 18 19 19 20 20	1309405-00 1302858-00 1302955-00	68.0 .50 W 5.0 % CC 100.0 .25 W 1.0 % RN55D-F10 750.0 .25 W 1.0 % RN55D-F10	CONI R103 2 R109,R110 9 R12,R24,R36,R48,R60,R72,R84,R96, CONT R108
REVISION HISTORY BASIC	PART NO: 0G05	7 F+++ DRN: J. FITZGERALD DATE	18 R1,R2,R13,R14,R25,R26,R37,R38, CONT R49,R50,R61,R62,R73,R74,R85,R86, E: 19-SEP-78 DIG GITTALL
J.R G057-ML002 D		DES.ENG: J.ROLLINS DATE	E: 19-SEP-78 TSO4 PRE-AMP E: 19-SEP-78 TSO5 PRE-AMP
[F] [H] [J] [K] [M]		MFG.ENG.: G.DILLARD DATE	E: 19-SEP-78
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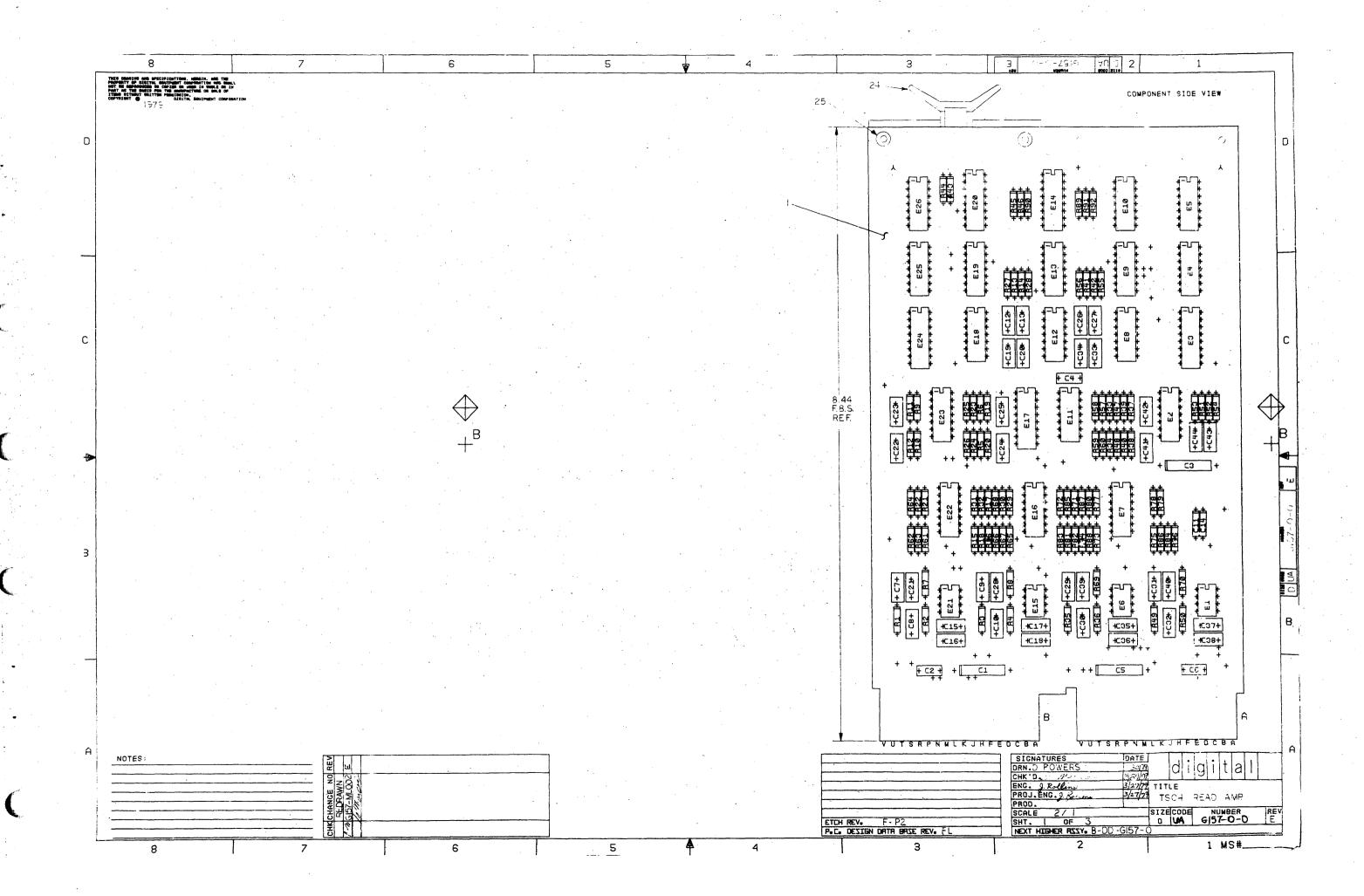
AUTOMATED BY FRILST.EEKS Line item document number Part number	PARTS LIST DESCRIPTION	SHEET A2 OF A2 QTY PER VARIATION REFERENCE DESIGNATOR
INE ITEM DOCUMENT NUMBER 21	1.21 K .25 W 1.0 % RN55D-F10 3.16 K .25 W 1.0 % RN55D-F10 56.20 K .25 W 1.0 % RN55D-F10 332.0 K .25 W 1.0 % RN55D-F10 1.0 K .50 W10.0 % POT DEC2219-2 NPN 3WC SI 30100 M 2N 4234 PNP 5W T0-5 CHOKE(CERAMIC BEAD) AXIAL LEAD, ON PIN 1POS WIRE WRAP HEAT SINK BLACK	00 REFERENCE DESIGNATOR 00 REFERENCE DESIGNATOR 00 R97,R98 R9,R21,R33,R45,R57,R69,R81,R93, CONT R105 R3,R4,R15,R16,R27,R28,R39,R40, CONT R99,R100 R10,R11,R22,R23,R34,R35,R46,R47, CONT R58,R59,R70,R71,R82,R83,R94,R95, CONT R106,R107 R5,R6,R17,R18,R29,R30,R41,R42, CONT R53,R54,R65,R66,R77,R78,R89,R90, CONT R101,R102 R8,R20,R32,R44,R56,R68,R80,R92, CONT R104 01 02 02 03 04 05 07 08 08 08 08 08 08 08 08 08 08 08 08 08

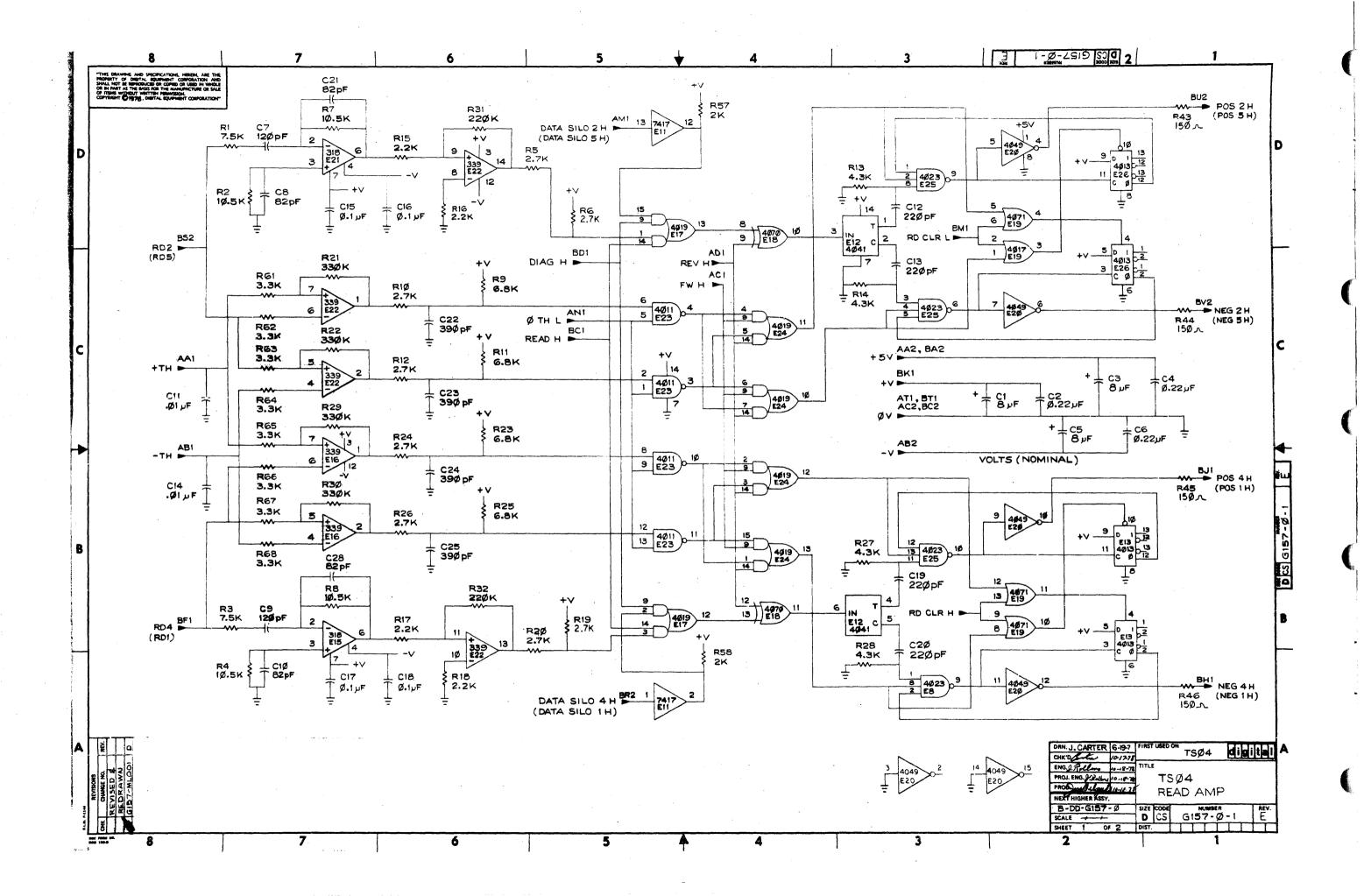
32 NOTE: USED ON: OPTION/MODEL TSO4

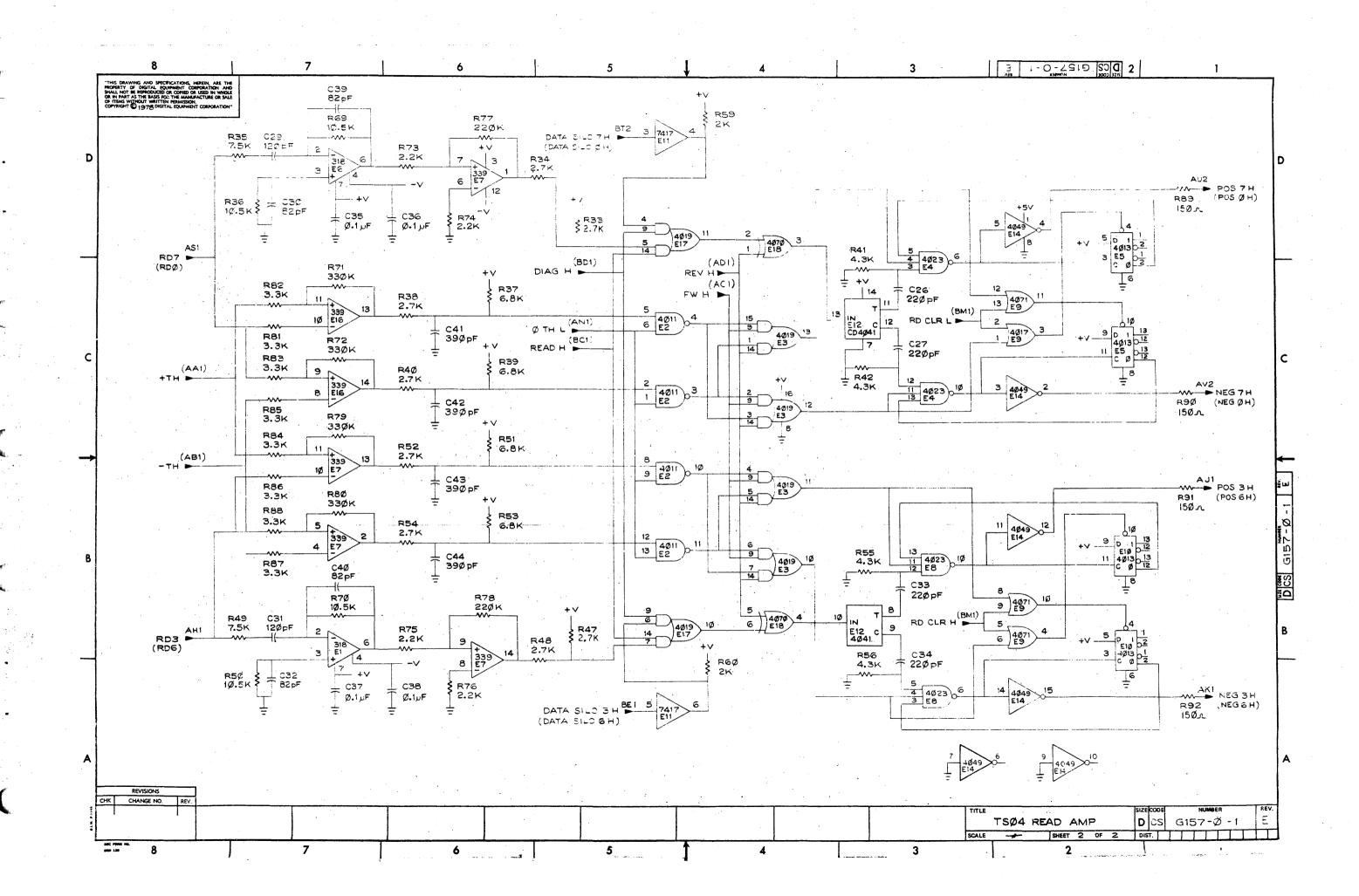
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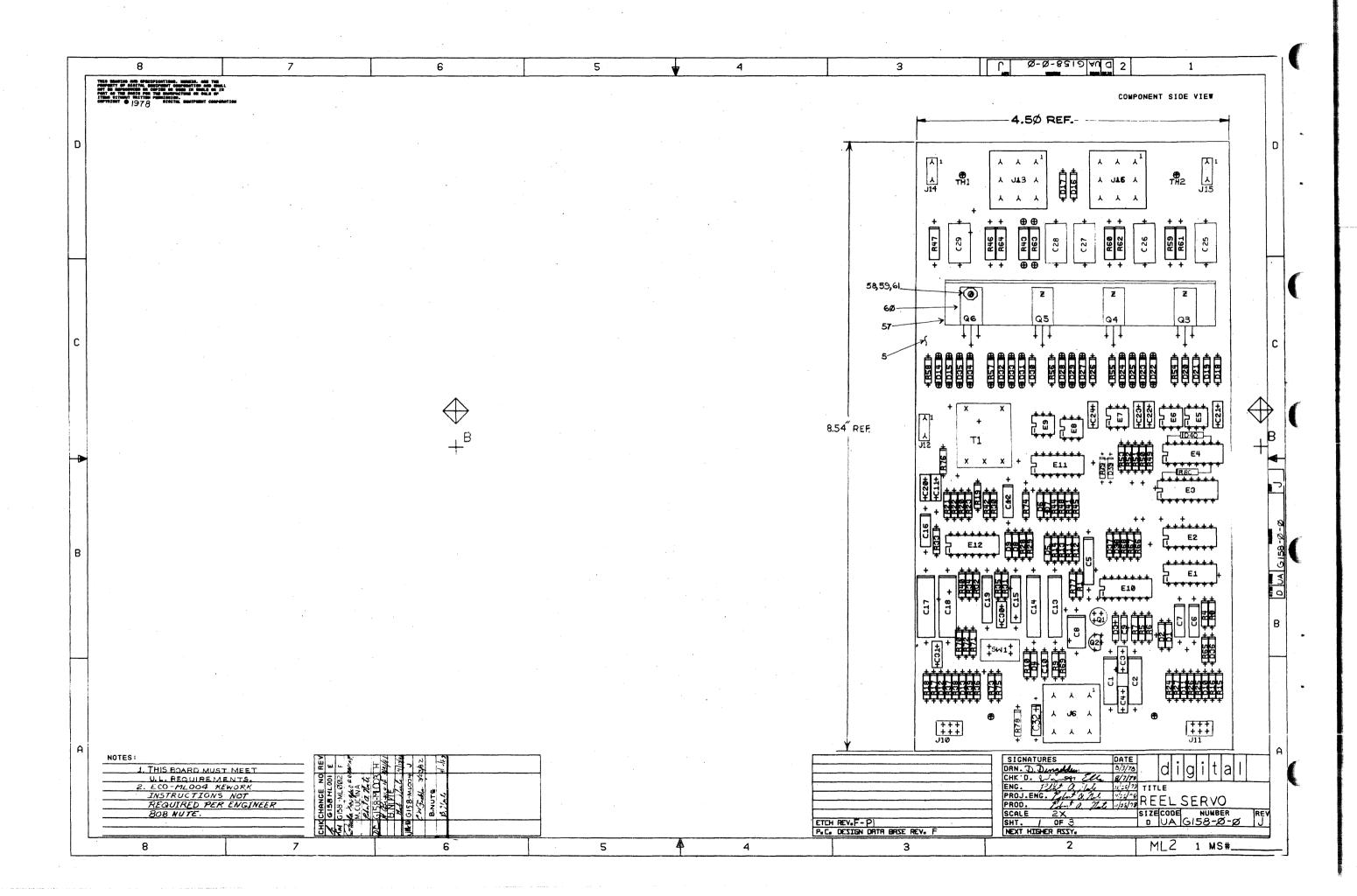


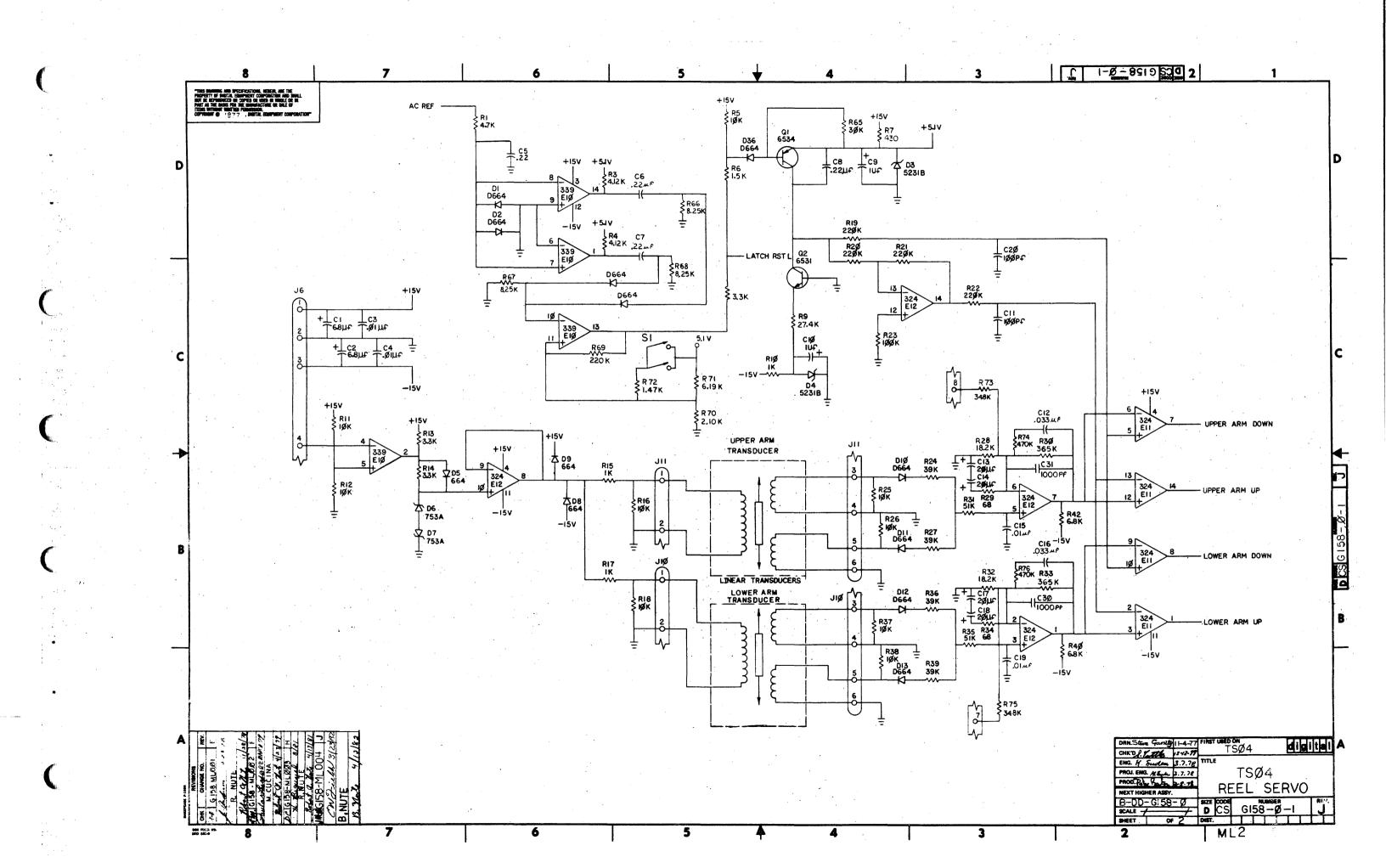


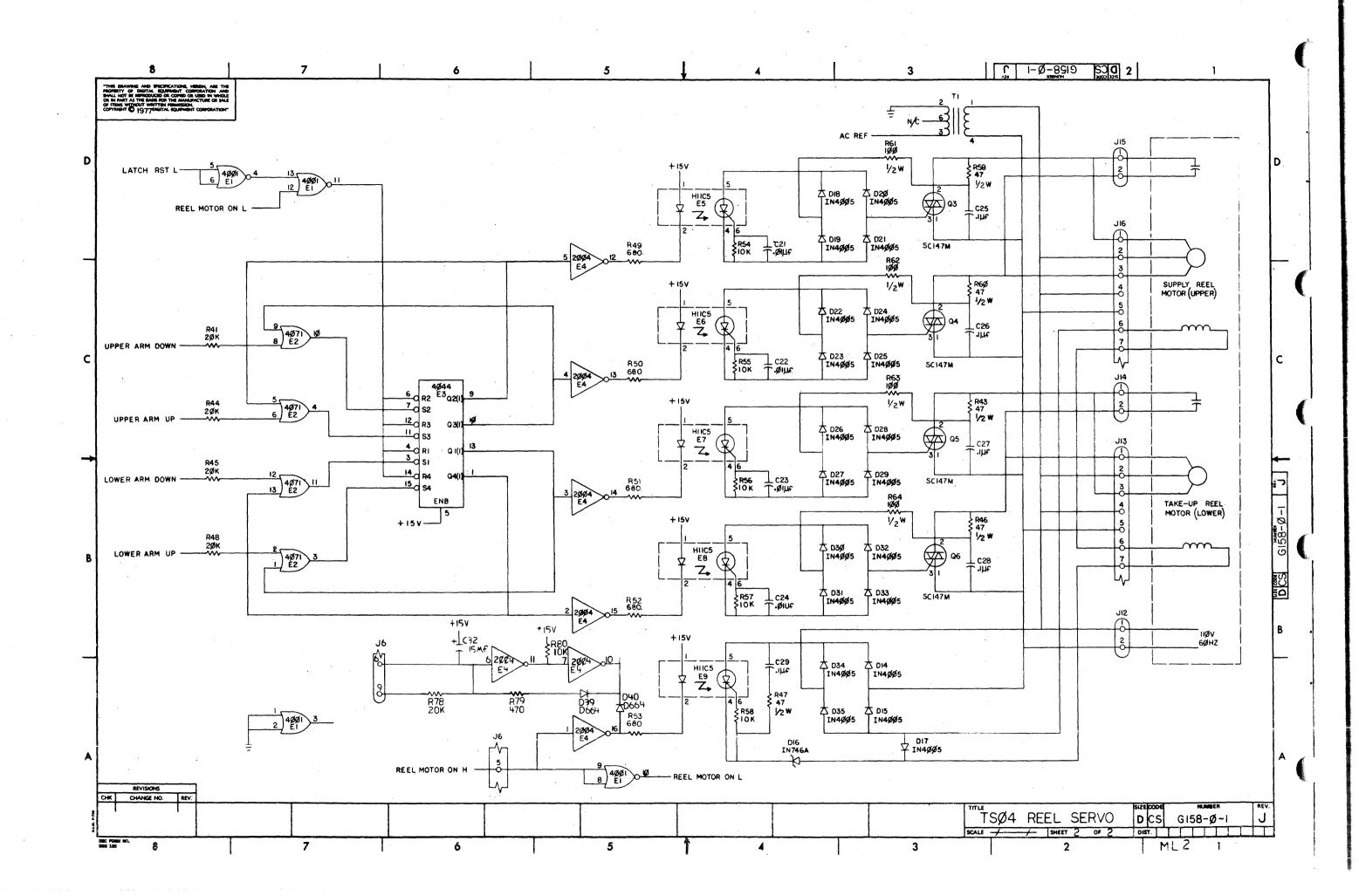
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INE ITEM	DOCUMENT A	IUMBER	PART	NUMBER	DES	SCRIFTION				OTY PER	: VARIA		EFERE	NCE DESIGNATOR	
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1 1		198-0-		898-00	G1:					1					
2 2				292-00		k THIS IT				***					
3 3				274-01	• 2:			180 Z5U		3		С	2,C4,	C6	
4 4	•		1004	813-00		k THIS IT									·
5 5 6			1000	016-00		k THIS IT				***					
6 6				006-00		k THIS IT				-					•
7 7			1100	114-00		k THIS IT									
8 8				271-00	**	k THIS IT	EM IS N	DT USED	***						
9 9	•		1300	365-00		k THIS IT		OT USED		-					
10 10			1301	423-00	•	5.8 K 1/4	W 5%		CC	8		R	9,R11	,R23,R25,R37,R39	7,R51,R5
11 11	•		1300	426-00	2	2.7 K 1/4	W 5%		CC	16		R	5,R10	,R12,R20,R24,R26	5,R34,R3
								· ·			C	DNT R	40 , R4	8,R52,R54,R6,R19	7,R33,R4
12 12			1302	466-00	**	k THIS IT	EM IS NO	DT USED	***	-					
13 13			1300	479-00	**	k THIS IT	EM IS N	DT USED	***						
14 14			1302	398-00	**	k THIS IT	EM IS N	OT USED	***						
15 15			1302	389-00		4.3 K 1/4	W 5%		CC	8		R	13,R1	4,R27,R28,R41,R4	42,R55,F
16 16			1910	735-02			OP AMP			4		Ε	1,E6,	E15,E21	
17 17			1912	108-00				PRTR,QUA	T)	3		E	7,E16	•E22	
18 18				612-00		4019B	AND-OR S	SELECT G	ATE-Q	3		Ε	3,E17	4,R27,R28,R41,R4 E15,E21 ,E22 ,E24	
19 19				634-00				TE-QUAD		1		Ē	18		
20 20				607-00				TE-QUAD		$-\bar{2}$		Ē	2,E23		
21 21				621-00				GATE-QUA		1			12		
22 22				627-00				R-HEX BU		2.			14,E2	20	
23 23			2113		•			-QUAD 21		5			9,E19		
24 24			9008	337-01	HAI	VINE . FLIP	CHIP.	GREEN		5					
25 25			9008 9006	732-00	FY	NDLE, FLIP ELET, ROLL 2 K 1/4	FD FLAN	GE . 121	nn x	<u> </u>					
26 26			1302	388-00	-	2 K 1/4	₩ 57	Um, 1121		Δ		6	R57-R6	SO.	
27 27			1909	929-00	•	7417	BUFFER	GATE-HEX	1 TNP	1		E		, 0	
28 28				609-00		4013B	FF-D DU	AL W/SET	/RESE	4		E	5,E10	,E13,E26	
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16157	-MI 003	10	I LV3 VV	KIHIION	THREY	i Culv. nit	F. BU	HITICE	IDHIE	+ 10-2	15-70	: 1 TC/	NA DE2	AT AMP	
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i		:	: CC3			_									
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! ! ! !		!	! EJ3 ! EK3			MFG.ENG.:	G. DI	LLARD	DATE	16-5	EP-78	! 1	! FL. :	. 0137 0	; —
!		!	! EJ3 ! EK3 ! EL3			MFG.ENG.:	G. DI	LLARD	DATE!	16-5	EP-78	!		G157-0-DBP	
		!	! EJJ ! EKJ ! ELJ ! EMJ			! ASSEMBLY	NUMBER:		ļ					! FILE NAME:	!EDIT
! ! ! ! !		!	! EJ3 ! EK3 ! EL3			! ASSEMBLY	NUMBER:		ļ						!EDIT
! ! ! ! ! ! !	415 DEQUINC		! [J] ! [K] ! [L] ! [M] ! [N]	ING HERE	MAR NAMA ANN, TOMP (2001 TOM) SOUR	!ASSEMBLY !D-UA-G157 !	NUMBER:		!	9 0000 1000 1000 JANK Y ¹⁰⁰⁰ 1	lbel lagar kelke kepte ya ke bagin	many salah lasir daga mandran		FILE NAME: Z0476E.FLS	!EDIT
		! ! !	! [J] ! [K] ! [L] ! [M] ! [M] ! [N]		IN, ARE	!ASSEMBLY !D-UA-G157 ! THE PROPE	NUMBER: '-0-0 ERTY OF	DIGITAL	! ! EQUIPME	NT COR	PORATI	ON ANI	D SHAL	! FILE NAME:	!EDIT ! ! UCED

AUTOMATED BY PRTLST.2E(3)	PARTS	LIST	SHEET A2 OF A2
A TABLE TOPICA SANDALIAN ALIAMAN MARKATAN MARKAT			: VARIATION
LINE ITEM DOCUMENT NUMBER PART	NUMBER DESCRIPTION	00	REFERENCE DESIGNATOR
29 29 21136	13-00 4023B NAND	GATE-TRIPLE 3IN 3	E4, E8, E25
30 30 91057			
31 31 B-DD-G157-0-0	DRAWING DIRECTOR	Y REF	
32 32 D-CS-G157-Q-1	CIRCUIT SCHEMATION	C REF	
33 33 13053	22-00 7.5 K 1/4W 1	% RN55D-F 100PPM 4	R1,R3,R35,R49
34 34 13004 35 35 13129		K CC 8	R15-R18,R73-R76
	87-00 10.5 K 1/4W 1	% RN55D-1052F 8	R2+R4+R7+R8+R36+R50+R69+R70
36 36 13004	39-00 3.3 K 1/4W 5	% CC 16	R61-R68,R81-R88
37 37 13020			R31,R32,R77,R78
38 38 10000		5%200PPM DM15S 4	C7,C9,C29,C31
39 39 10000		5%200PPM DM15S 8	C8,C10,C21,C28,C30,C32,C39,C40
40 40 10016		-20+80 Z5U AXIAL 2	C11,C14
41 41 10109		10% 2C067 CER 8	C15-C18,C35-C38
42 42 10016		5%200PPM DM15S 8	C22-C25,C41-C44
	91-00 330 K 1/4W 5		R21,R22,R29,R30,R71,R72,R79,R80
44 44 13002	the contract of the contract o	% CC 8	R43-R46+R89-R92
45 45 10120		GX 30D AL EL 3	C1,C3,C5
46 46 10000		5%200PPM DM15S 8	C12,C13,C19,C20,C26,C27,C33,C34
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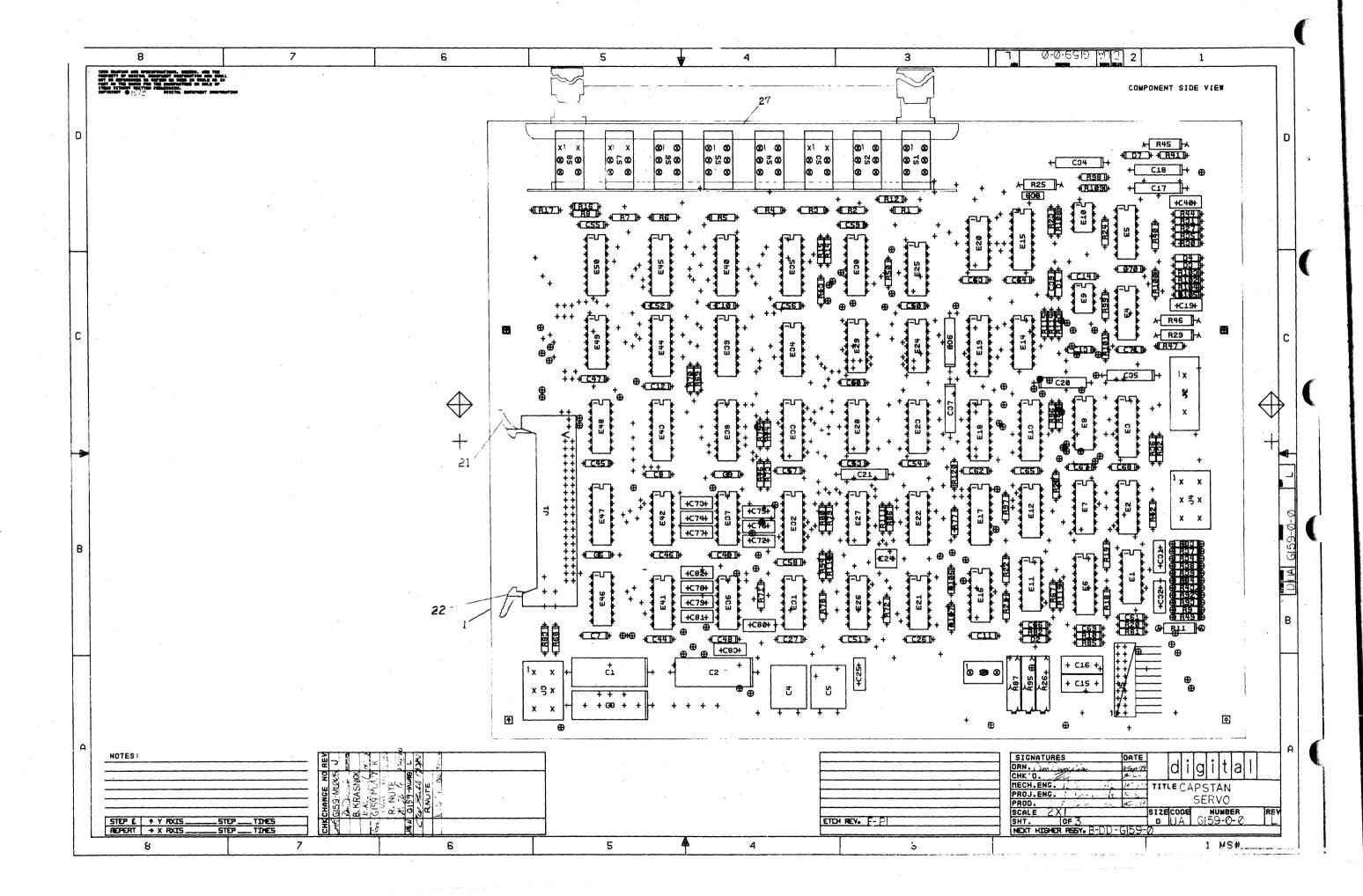


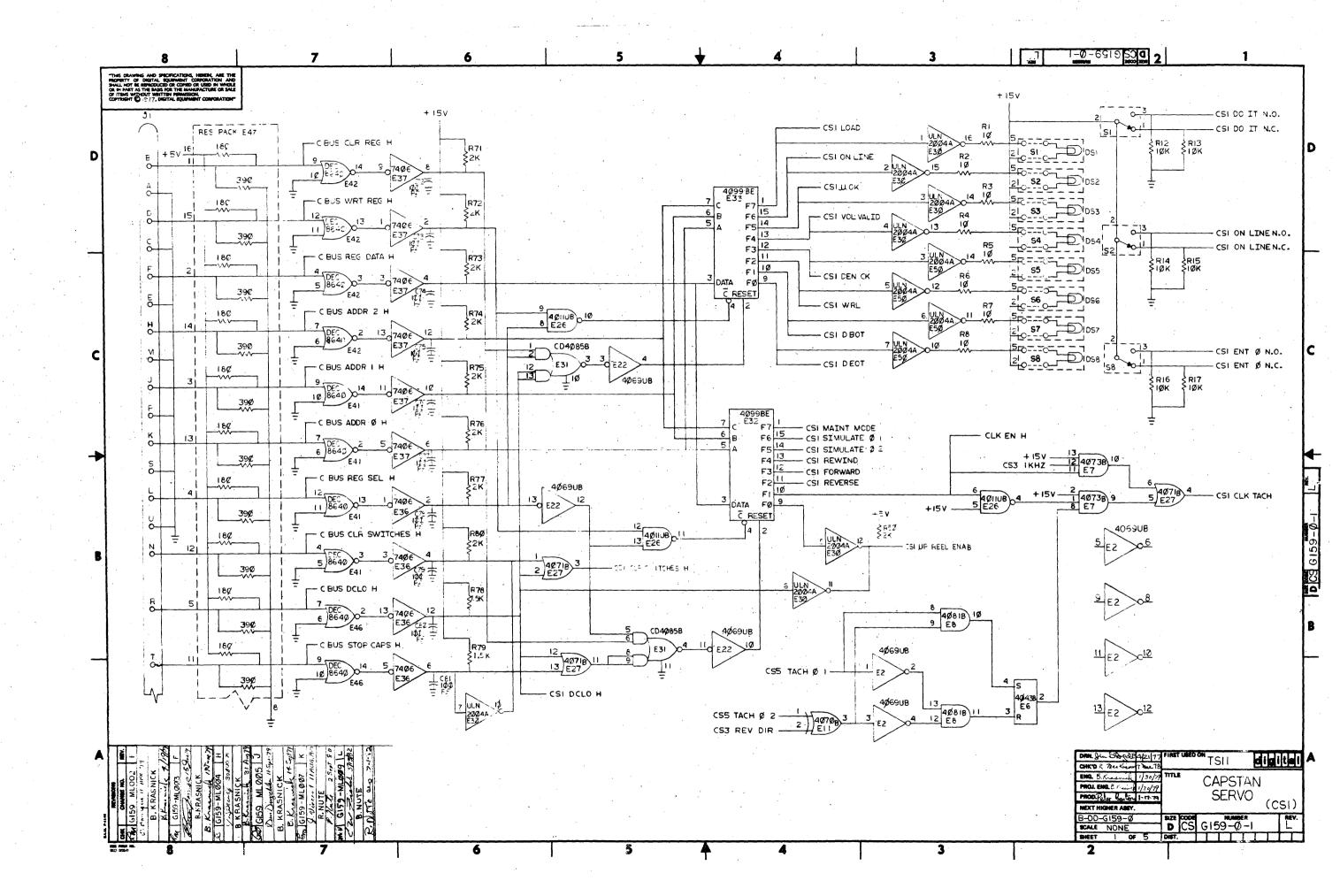


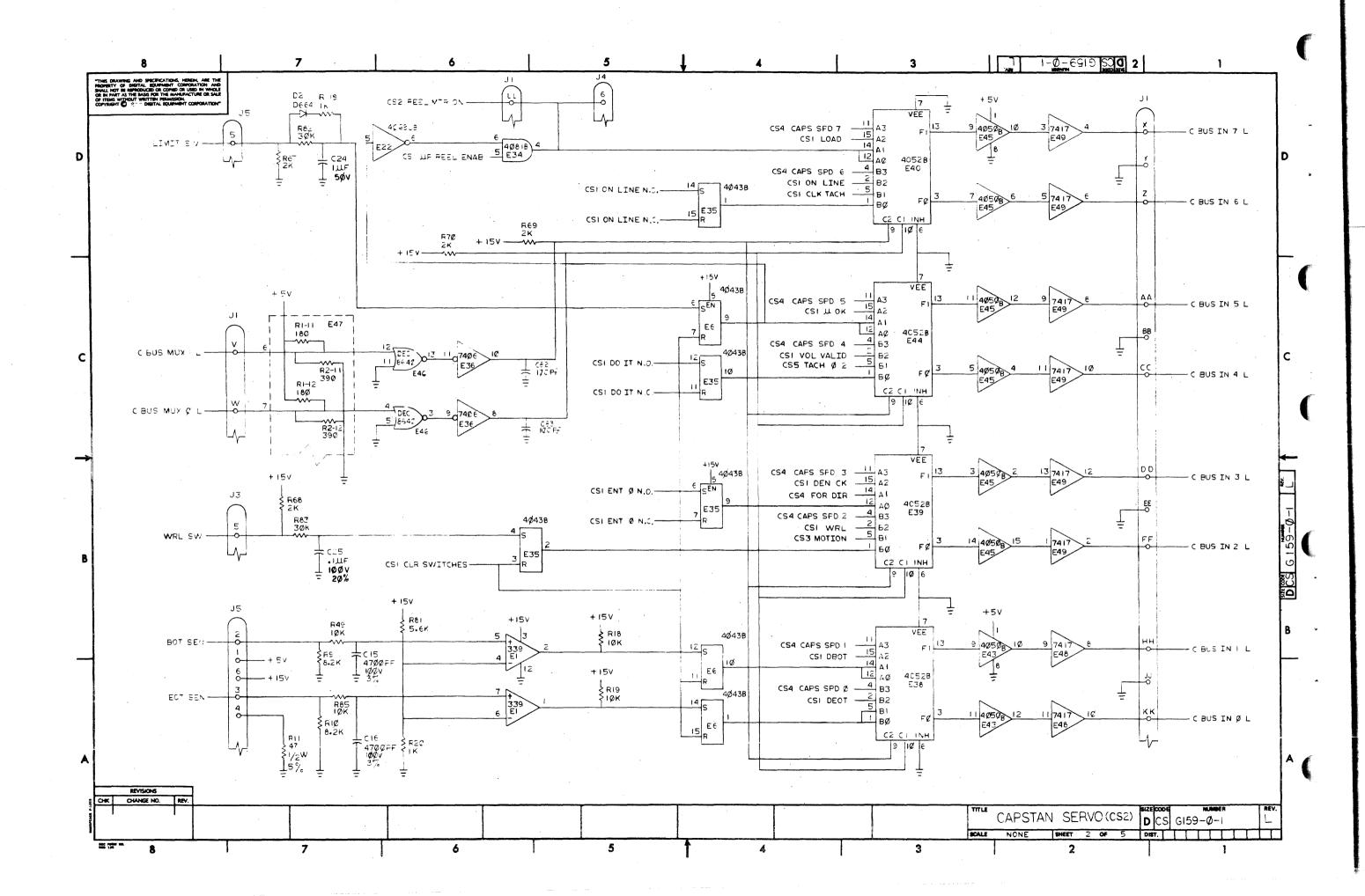
AUTOMATED BY PRTLST.1D(2)	BODT WINDER	PARTS LIST	QTY PER VARIATION	SHEET A1 OF A3
LINE ITEM DOCUMENT NUMBER	PART NUMBER D	DESCRIPTION	00 REFER	ENCE DESIGNATOR
1 234567890 11234267890 11234267890 11234267890	5011917-00 1000002-01 1000016-00 1000050-00 1001610-00 1001776-00 1002630-00 1005306-00 1005784-00 1010075-00 1100114-00 1102421-00 1109443-00 11109443-00 11109443-00 11119967-00 11114344-00 1112297-02 M	CIRCUIT SCHEMATIC UNIT ASSY UNG DIRECTORY URILL & ETCH DWG 158 20 MFD 50V 5% S.TANT 100.0 MMF 100V 5%200PPM MICA 033 MFD 100V 80V 10% MYL 01 MFD 50V +80-20% Z5U CER 1 MFD 35V 10% S.TANT EXX THIS ITEM IS NOT USED *XX 6.8MFD 35V 10% S.TANT 01 MFD 100V 200V 10% MYL 22 MFD 50V 10% M.POLYCARB 1 MFD 100V 200V 10% MYLR 23 MFD 50V 10% M.POLYCARB 1 MFD 400V 20% M.POLYCARB 1 MFD 400V 20% MYLR D 664 QS\75PCB PIV= 25V SP N 753A VZ= 6.2 5% .40W P N 754A VZ= 3.3 5% N 5231B VZ= 5.1 5% .50W Y N 4005 PIV=600 I= 1A DO41 SI 11C5 SCRQ400V I=10A ATE-N-LOK 02PIN(1X02).250CC HDR ATE-N-LOK 02PIN(1X02).250CC HDR ATE-N-LOK 02PIN(2X03).100CC STR 68.0 .25 W 5.0 % CC 1.0 K .25 W 5.0 % CC 1.50 K .25 W 5.0 % CC 1.50 K .25 W 5.0 % CC 1.50 K .25 W 5.0 % CC 3.30 K .25 W 5.0 % CC	2 C15, C 4 C8, C6 5 C25-C1 14 D1, D2 2 D6, D7	C7,C5 D5,D8-D13,D36,D37,D38-D40, 5,D17-D35 4,J15 6,J6
++++++++++++++++++++++++++++++	1 3 00439-00 PART NO: 0G158	3.30 K .25 W 5.0 % CC		· · · · · · · · · · · · · · · · · · ·
! + + + + + + + + + + + + + + + + + +	ON A OF A	+ DRN: P.KENDRICK DATE		PARTS LIST
INIT D SECTION	ON VARIATION INDEX		E: 19-DEC-77 !	
J.R.G158-ML001 E [A] M.C.G158-ML002 F [B] BN G158-ML003 H [C]	UU		+++++++++++++ TSO4 REE E: 02-MAR-78 !	L SERVU
N:RN !G158-ML004		++++++++++++++++++++++++++++++++++++	+++++++++++!	DOCUMENT NUMBER
[E] [F] [H]		RESP.ENG.: H.FINDEISEN DATE	E: 02-MAR-78 !+++++++	+++++++++++++++++++++++++++++++++++
		MFG.ENG.: P.BARTON DATE		G158-O-DBP J
[K] [L] [M]		ASSEMBLY NUMBER: TOP D-UA-G158-O-O TSO	DOCUMENT NUMBER:	FILE NAME: EDIT #
"THIS DRAWING AND SPECIFIC OR COPIED OR USED IN WHOL	CATIONS HEREIN, ARE LE OR IN PART AS TH COPYRIGHT	THE PROPERTY OF DIGITAL EQUIPME HE BASIS FOR THE MANUFACTURE OR S (C) 1982. DIGITAL EQUIPMENT COR	ENT CORPORATION AND SHAL SALE OF ITEMS WITHOUT WR RPORATION "	L NOT BE REPRODUCED ITTEN PERMISSION.
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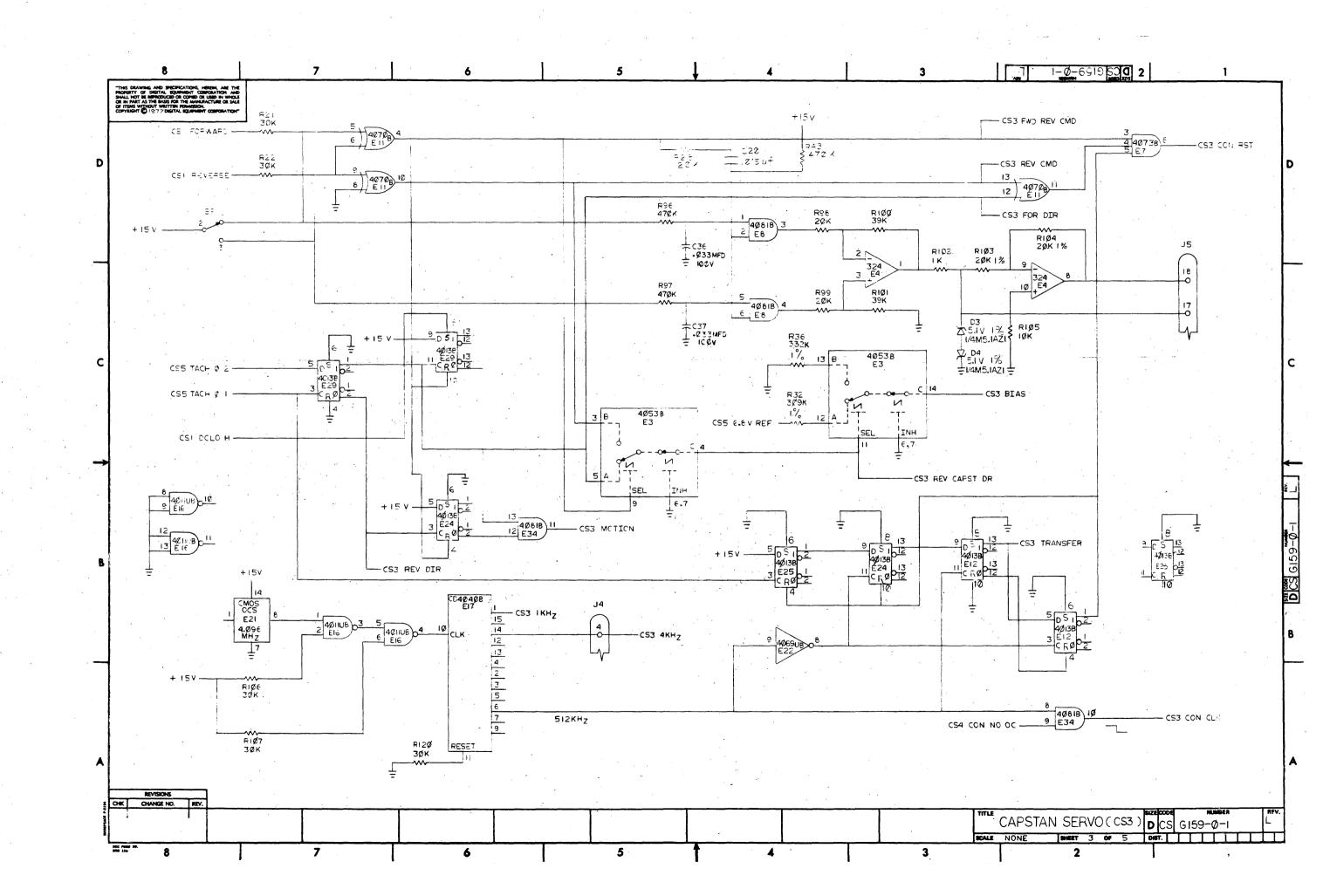
AUTOMATED BY PRTLST.1D(2) LINE ITEM DOCUMENT NUMBER	PARTS PART NUMBER DESCRIPTION	S LIST QTY PER VA OO	SHEET A2 OF A3 RIATION REFERENCE DESIGNATOR
31 31 32 32	1300447-00 4.70 K .25 k 1300479-00 10.0 K .25 k	N 5.0 % CC 15	R1 R5,R11,R12,R16,R18,R25,R26,R37, CONT R38,R54-R58,R80
33+5-67-8990-1-23+5-67-8990-1-23+5-67-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7	9009769-00 WASHER, RECINGLE 1312992-00 *** THIS ITEM 1313150-00 430.0 .25 1302398-00 470.0 K .25 1305325-00 8.25 1312923-00 1.47 K .25 1314187-00 6.19 K .25 1314187-00 1211164-07 SW, DIP 2P0S / 1000042-00 1000.0 MMF 170 1314763-00 1305266-00 365.0 K .25 1305266-00 365.0 K .25 1309412-00 1514342-01 TRIAC 600	4-90X 1/4 AF 4 AL JOINT A/R STEEL 4	R40, R42 R59, R60, R43, R46, R47 R19-R22, R69 R41, R44, R45, R48, R78 R23 R24, R27, R36, R39 R31, R35 R9 Q1 Q2 E4 T1 E11, E12 E10 E1 E3 E2 HS1 R7 R74, R76 R66, R67, R68 R70 R72 R71 S1 C30, C31 R3, R4 R73, R75 R30, R33 R32, R32 Q3-Q6 R49-R53 R79 !SIZE!CODE! DOCUMENT NUMBER! REV!
D I G I T A L TI	TS04 REEL SERVO	SECTION A OF A	K PL G158-0-DBP J

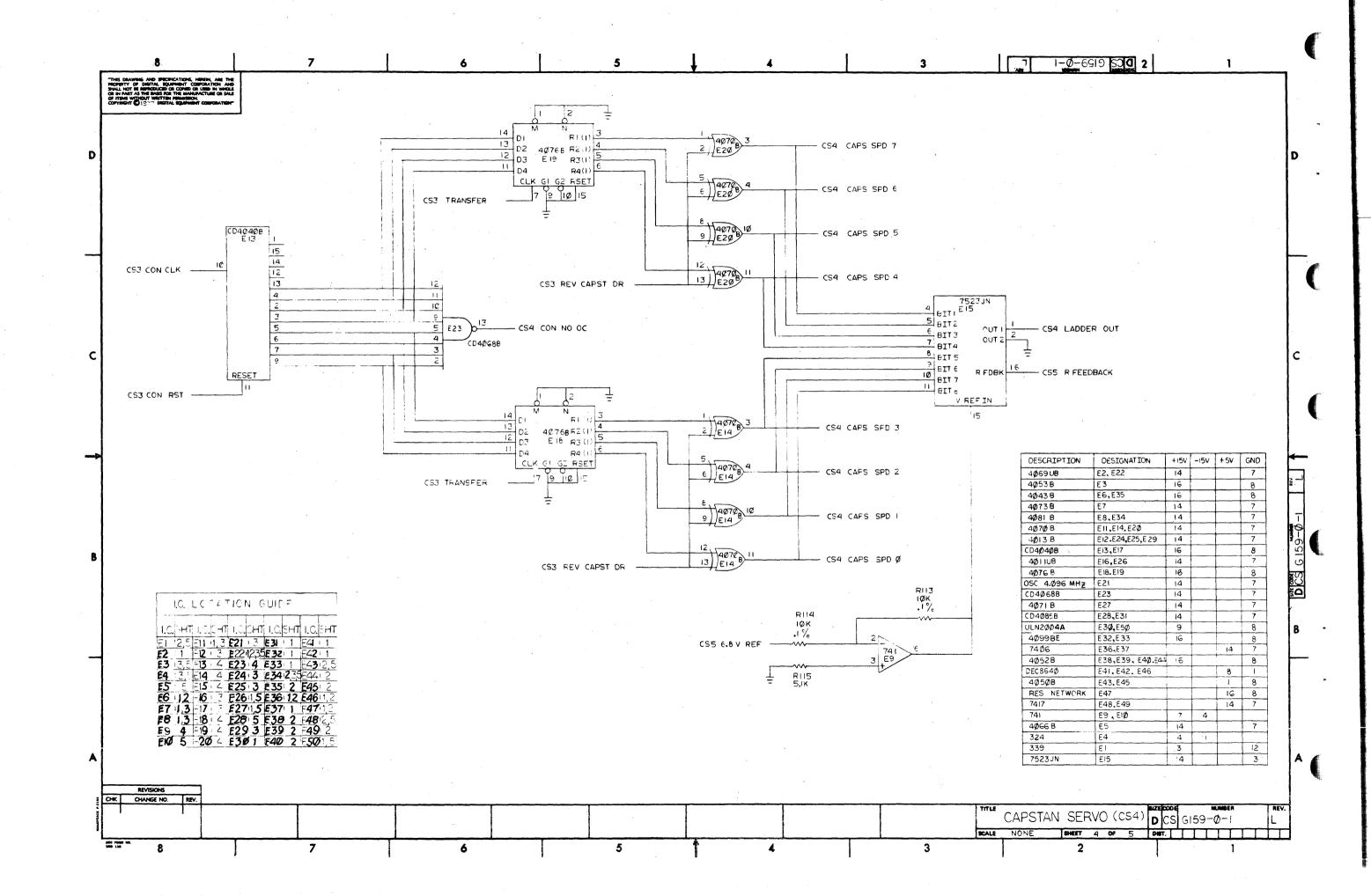
† 700 700 † 170 †	DOCUMENT NUMBER G158-D-DBP	SIZE CODE	0F A	SECTION A	† † † † † † † † † † † † † † † † † † †	++++++++++	TSO4 REEL	†	† H † † † † † † † † † † † † † † † † † †	† 0 † † † † † † † † † † † † † † † † † †	· · · · · · · · · · · · · · · · · · ·
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		032	, p	S. TANT	MED 20V 10X	بر م	1004812-00		•	78 78	
A3 OF A3	SHEET DESIGNATOR	VARIATION REFERENCE	QTY PER V	T 5	ਨਰ ਜ਼ਜ਼∓ ਯ	P A I	PART NUMBER)Y PRTLST.ID(2) DOCUMENT NUMBER	ITEM HATED E	LINE

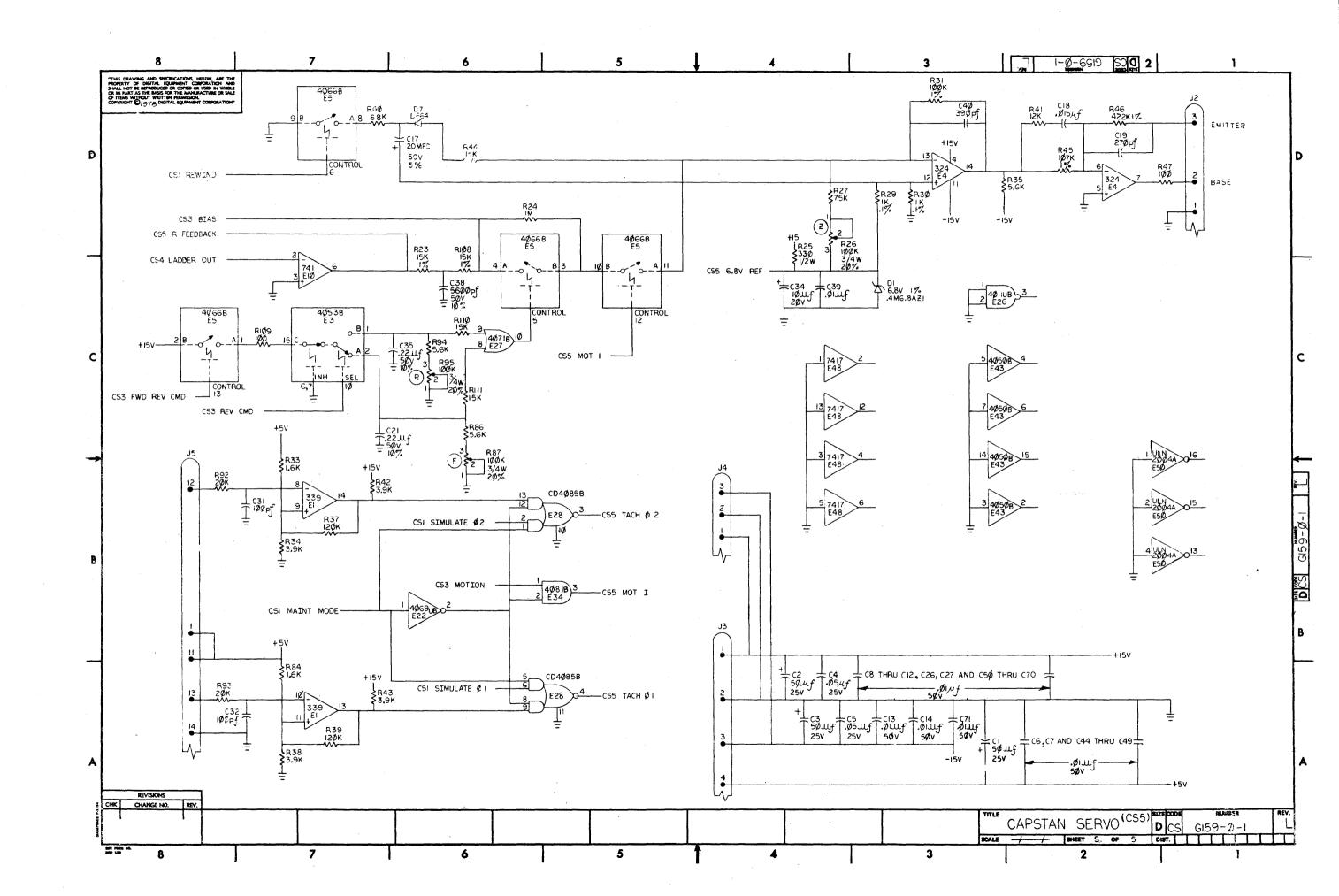












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1	1					012379-00		59						1							
2	2			-		000016-00		00.0 M			5%200PF			14		C31 • C	32,C	72-C8	3		
3	3					600022-00	_	70.0 H			5%200PF			1		C19					
4	4					010978-3		. MF		50V 1			ER	1		C25					
5	5					001383-00		00.0 H						2 .		C15,C					
6	6				_	001610-00		1 MF			0-20% Z			4^			4,C2	6,C27	,039,04	4-C71	
7	7					001631-00		190.0 M			5%200PF			1		C40			3 1		
8	8		•			001774-00		5 KF		25V 1		5U DI		2		C4,C5					
9	9					001796-00		50 MF			75-10%			3		C1-C3			:		
10	10					010716-00		20 KF		SOV		W.TA		1		C17					
11	11				_ 1	004813-00		10 MF		20V 1	oz	S.TA	NT	1		C34					
12	12				1	010031-03		2 MF			02 H.F		RB	2	i	C21,C	35				
13	13				1	010274-02		1 MF	D 5	+ 96	80-20%	C	ER	1	ĺ	C24					
14	14				1	010646-00		15 MF	D 5	うひ	2% M.P	OLYCA	RB	1	!	C18					
15	15				1	011740-00		00.0 M)V 1	0%	C	ER	1		C38					
16	16				1	.000050-00		33 HF		Vec	80V 102	H	YL	2	ļ	C36,C	37				
17	17				1	100114-00	İ	D 664	QS\7	'SPCP	PIV= 2	5V SP		2		D2,D7					
18	18				1	109991-01	41	6.8AZ1	VZ=	6.8	12.	40W		1		D1					
19	19				1	105871-00	1/	485.1A	Z1 =	5.1	12.	25W N		2		D3,D4					
20	20				1	209941-02	PC	B, HEARI	ER 40F	IN(2	X20).10	00CC 9	OD	1		J1				•	
21	21	USED ON			1	209941-03	PC	B, HEAD	ER LAT	CH				1							
22	22	USED ON	J1		1	209941-04	PC	B, HEAD	ER LAT	CH				1							
23	23				1	211180-00	SH	, TOG	1PD1	ON-	OFF-ON	1	5A	1		S9					
24	24				1	212297-03	. HA	TE-N-L	JK 03F	IN(1	X03).25	OCC H	DR	1		J2					
25	25				1	212297-05	H H	TE-N-L	DK -65	IN(2	X03).25	OCC H	DR	2		J3,J4					
26	26				1	213335-00	PC	B, HEAD	ER ZOF	05(2	X10).10	0CC 9	OB	1		J5					
27	27	USED FO	R S1-	-88	1	214343-02	S	PB LT	2P01	1 ASE	C W/BUT	TONS	1A	1							
28	28				1	300229-00	10	0.0	.25	W 5	.0 X	CC		2		R47,R	109				
29	29				1	214343-02 300229-00 300296-00	33	0.0	.50) W 5	.0 Z	CC		1		R25					
30	30				1	300365-00	•	1.0 K	.25	5 W 5	.0 %	CC		3		R20,R	102+	R119	•		
	REVIS	TRIP PO	ORY		BASIC P	ART NO:	06159	!				!		1 1 2 1 3	<u> </u>	!	!	!	!!!	1 1	!
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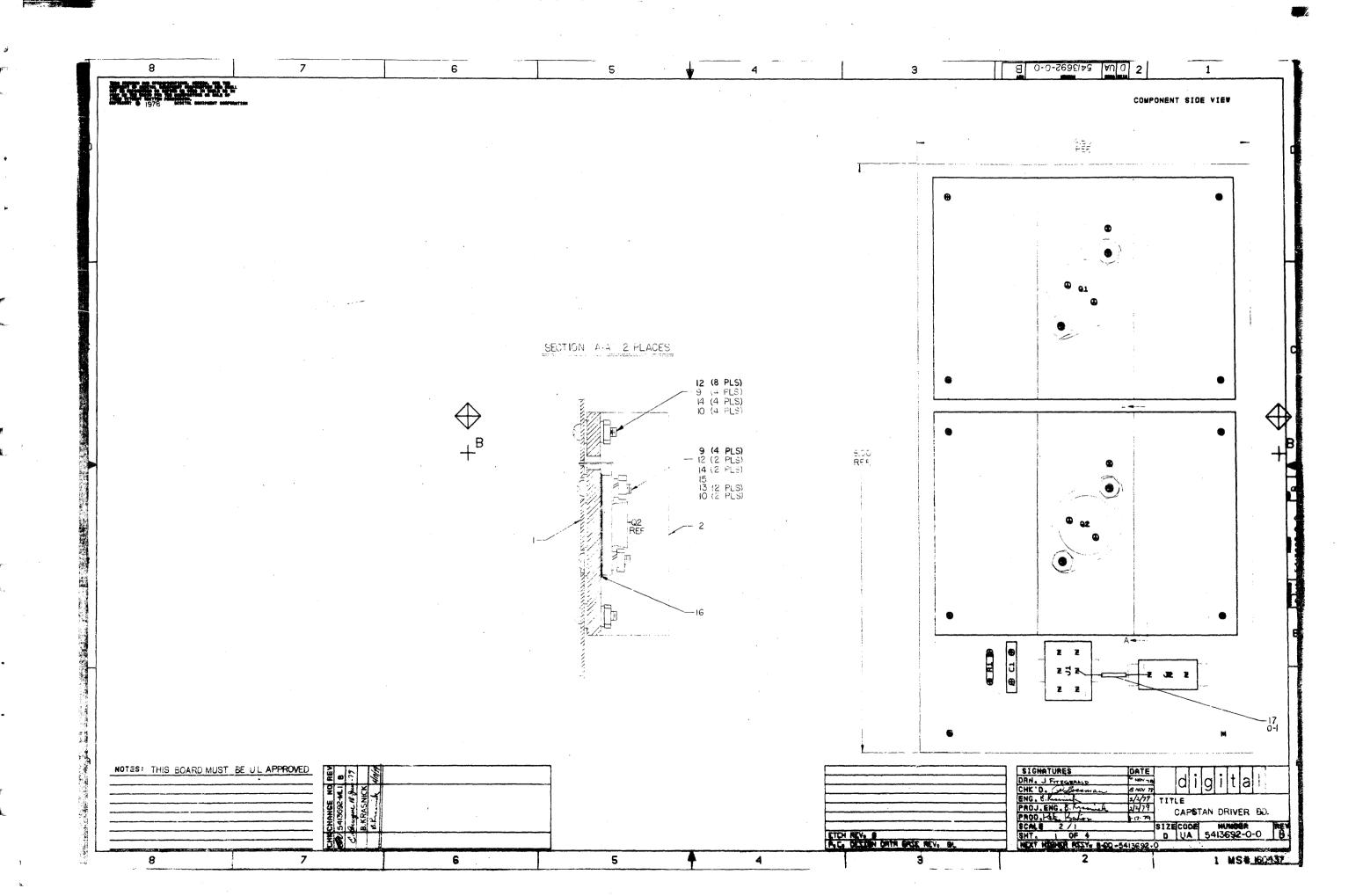
UTONATED	BY PRTLST.2E(3)		PARTS LIST	WTY PER VARIAT	SHEET A2 OF A3
INE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	00	REFERENCE DESIGNATOR
31 31	•	1300444-00	3.90 K .25 W 5.0 % CC	4	R34,R38,R42,R43
32 32		1300479-00	10.6 K .25 W 5.0 % CC	11	R12-R19,R49,RE5,R105
33 33		1300488-00	12.0 K .25 U 5.0 % CC	1 .	R41
34 34		1313752-00	15.0 K .25 L 1.0 % RN55D-F10		R23,R108
35 35	•	1300539-00	120.0 K .25 L 5.0 % CC	2	R37,R39
36 36		1301317-00	10.0 .25 W 5.0 % CC	8	R1-R8
37 37		13016 9 5-00	47.0 .50 H 5.0 % CC	1	R11
38 38		1301808-00	*** THIS ITEM IS NOT USED ***	-	
39 39		1301874-00	5.60 K .25 W 5.0 % CC	4	R35,R81,R86,R94
40 40		1300496-00	15.0 K .25 W 5.0 % CC	3	R110,R111,R44
41 41		1302388-00	2.0 K .25 W 5.0 % CC	13	R67-R77,R80,R50
42 42		1302391-00	20.0 K .25 W 5.0 % CC	5	R29,R92,R93,R98,R99
43 43	·	1302394-00	30.0 K .25 W 5.0 % CC	7	R21,R22,R82,R83,R106,R107,R120
44 44		1302398-00	470.0 K .25 U 5.0 % CC	3	R49,R96,R97
45 45		1302514-00	39.0 K .25 W 5.0 % CC	2	R100;R101
46 46		1303044-00	100.0 K .25 W 1.0 % RN55D-F10	1	R31
47 47 48 48		1303176-00	1.60 K .25 W 5.0 % CC 8.20 K .25 W 5.0 % CC	2	R33, R84
48 48 49 49		1303179-00 1301327-00	8.20 K .25 W 5.0 % CC 68.0 K .25 W 5.0 % CC	2	R9,R10 R40
50 50			75.0 K 25 W 5.0 % CC	1	R27
51 51		1304841-00 1304865-00	1.0 K .25 W .10% RN55E-B 2	2	R29,R30
52 52		1305425-00	309.0 K .25 W 1.0 % RN55D-F10	1	R32
53 53		1305423 00	10.0 K .25 W .10% RN55E-B 2	2	R113,R114
54 54		1309143-14	100.0 K .75 W10.0 % POT	3	R26,R87,R95
55 55	•	1309595-00	1.0 M .25 W 5.0 % CC	i	R24
56 56		1310607-00	422.0 K .25 W 1.0 % RN55C-F 5	ī	R46
57 57		1311003-01	R NETWORK 14-180 14-390 16PIN	1	E47
58 58		1312930-00	5.10 K .25 W 5.0 % CC	1	R115
59 59		1313843-00	-107.0 K .25 W 1.0 % RN55B-F10	i	R45
60 60		1514341-00	ULN2004A NPN 14 SI ARRAY	2	E30,E50
61 61		1814249-00	OSCILLATOR, XTAL 4.096 MHZ	1	E21
62 62		1909929-00	7417 BUFFER GATE-HEX 1INP	2	E48,E49
63 63		1910298-00	741 OP AMP GEN PURP. COM	2	E10,E9
64 64		1910741-00	7406 INVERTER GATE-HEX 1I	2	E36+E37
65 65		1911469-00	DEC 8640 RFCEIVER, BUS, QUAD, U	3	E41,E42,E46
66 66		1912107-00	324 OF AMP, QUAD	1	E4
67 67		1912108-00	339 VOLT CHPRTR, QUAD	1	E1
68 68		2113607-00	4011UBNAND GATE-QUAD 2IN C	2	E16,E26
69 69		2113609-00	4013B FF-D DUAL W/SET/RESE	4	E12,E24,E25,E29
70 70		2113623-00	4043B NOR R/S LATCH/QUAD	2	E6,E35
71 71		2113628-00	4050B BUFFER/CONVERTER GAT	. A	E43;E45
72 72 73 73		2113630-00	4052B MULTIPLEXER 4CHAN DI	4	E38-E40,E44 E5
73 73		2113632-00 2113633-00	4066B BILATERAL SWITCH-QUA 4069UBINVERTER GATE-HEX	7	E22,E2
75 75		2113634-00	4070B X-OR GATE-QUAD CHOS	7	E11,E14,E20
76 76		2113635-00	40708 X-UK GATE-QUAD CHOS	ა 1	E27
77 77		2113637-00	40718 OR GATE-TOURD 21N CHO	1	E7
78 78		2113639-00	4076B REGISTER 4BIT D-TYPE	2	E18,E19
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		TITLE	B .	1 167	ZEICODE! DOCUMENT NUMBER ! REV !
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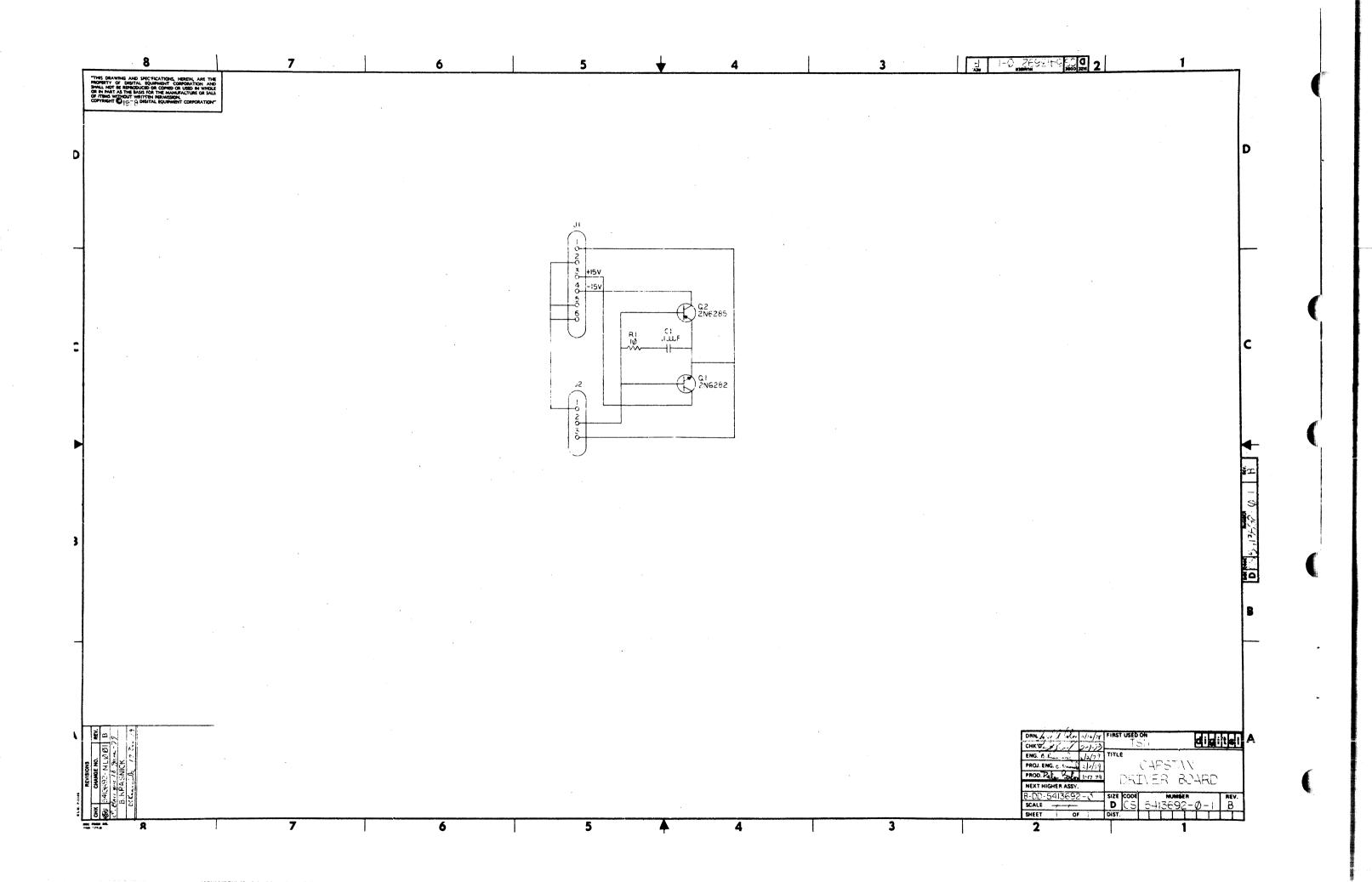
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HOTOH	IATED	BY PRTLST. 2E(3)		PARTS LIST			SHEET A3	OF A3
					RTY PER PARIATIO			
_INE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	00	REFERENCE DESI	GNATOR	
79	79		2113642-00	4081B AND GATE-QUAD 21N CM	2	E34,E8		
80	80		2113946-00	4053B MULTIPLEXER 2CHAN CM	1	E3		
81	81		2114462-00	4040B COUNTER/DIVIDER, BINA	2	E13,E17	•	
82	82		2114463-00	4068B NAND GATE,81N	1	E23		
83	83		2114464-00	4085B AND-UR GATE, DUAL, 2IN	2	E28,E31		
84	84		2114465-00	4099BELATCH-ADDRESSABLE BBIT	2	E32,E33		
85	85		2116019-00	7523JND/A CONVERTER, MULT, 8	1	E15		
86	86	•	1312985-00	332.0 K .25 W 1.0 % RN55D-F10	1	R36		
87	87		9105740-55	*** THIS ITEN IS NOT USED ***	-			
88	88		1313596-00	20.0 K .25 W 1.0 % RN55D-F10	2	R103,R104		
89	89		9107256-11	*** THIS ITEH IS NOT USED ***	-			
90	90		1300391-00	1.50 K .25 W 5.0 % CC	2	R78, K79		
91	91		1002630-00	.015 MFD 100V 10% MYLR	1	C20		
92	92	D-UA-G159-0-7		UNIT ASS'Y	REF			!
93	93	D-CS-G159-0		CIRCUIT SCHEMATIC	REF			,
94	94	D-MD-5012399-0-0		DRILL AND ETCH DRAWING	REF			1
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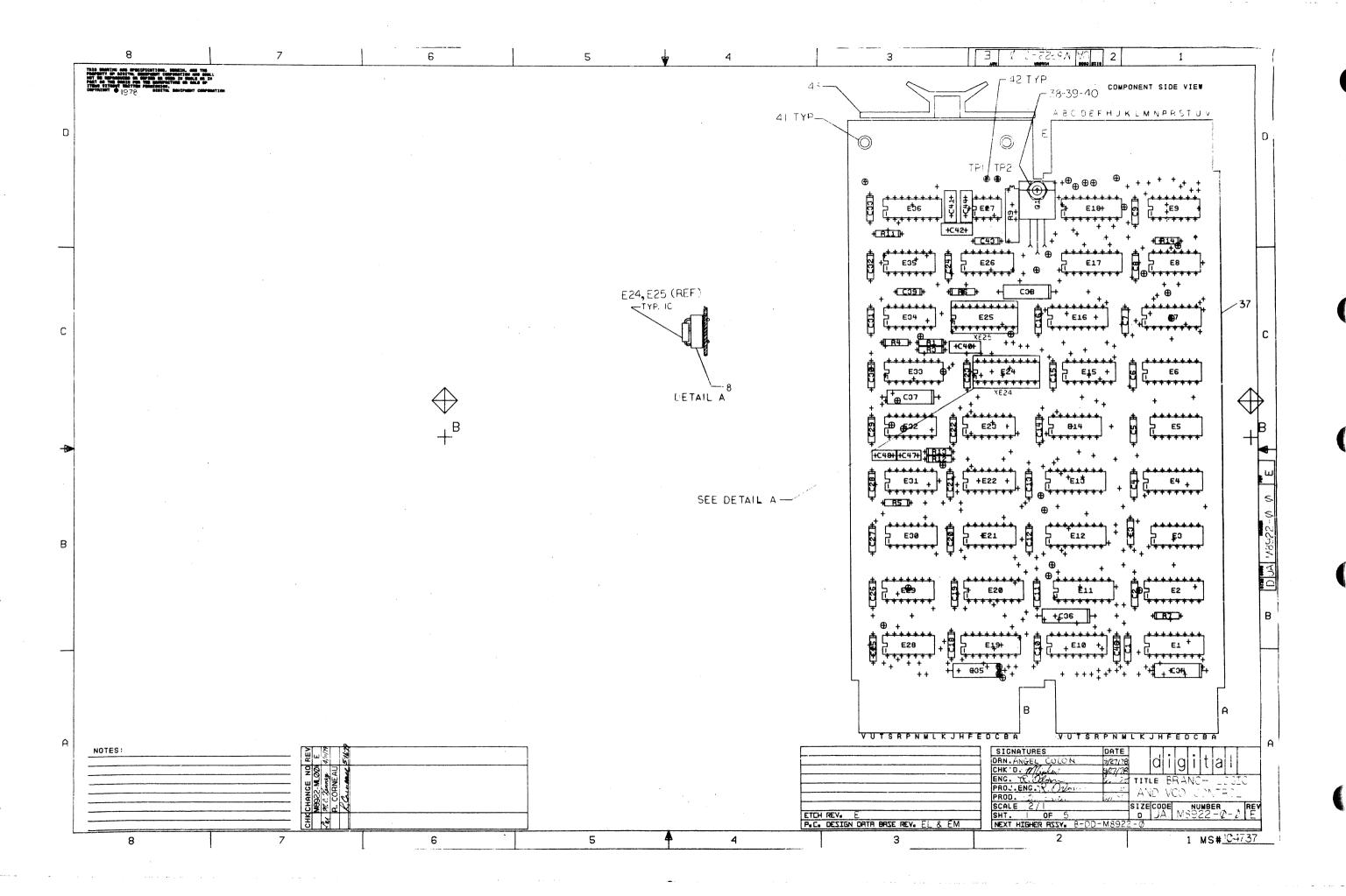
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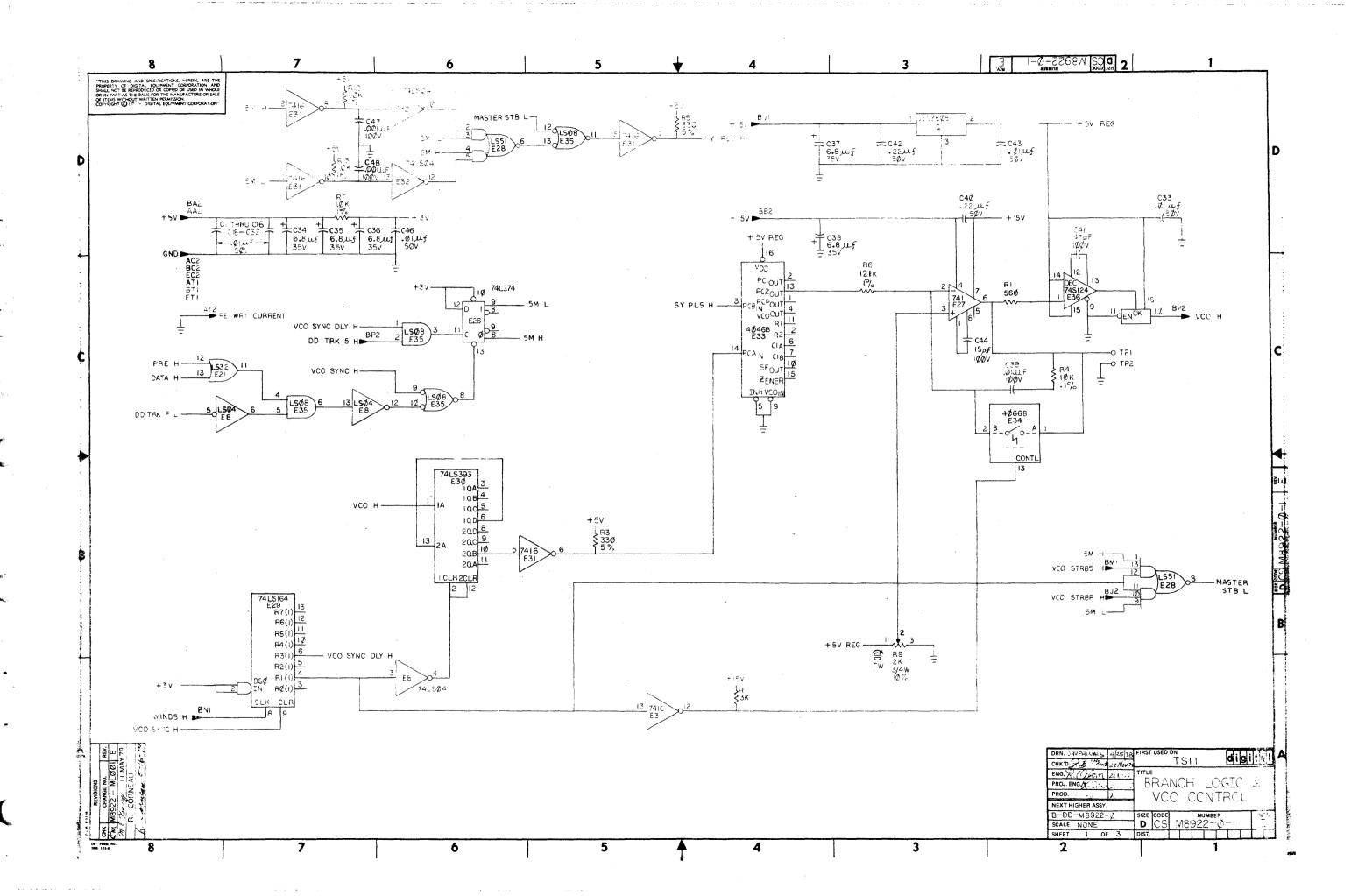


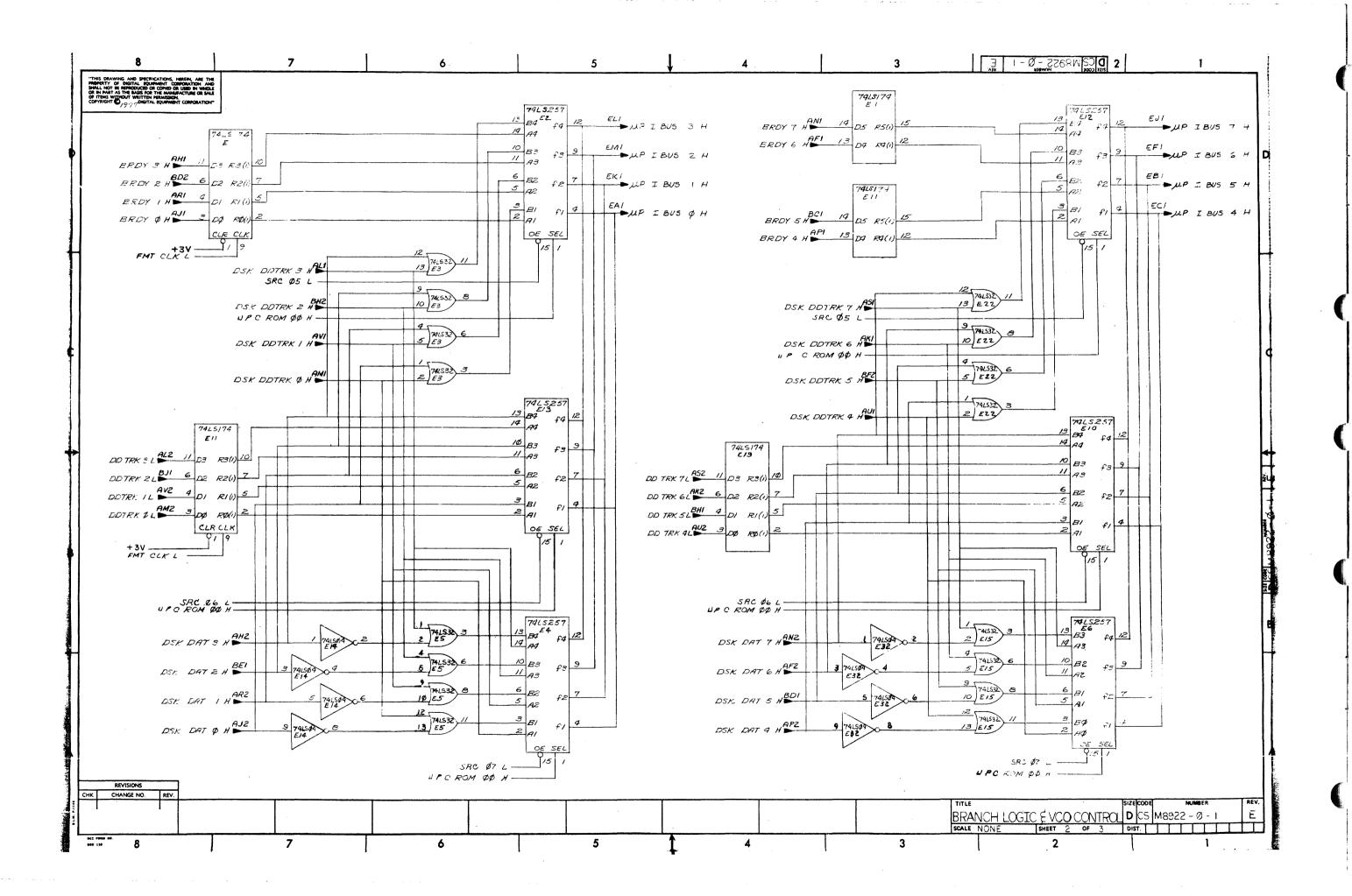


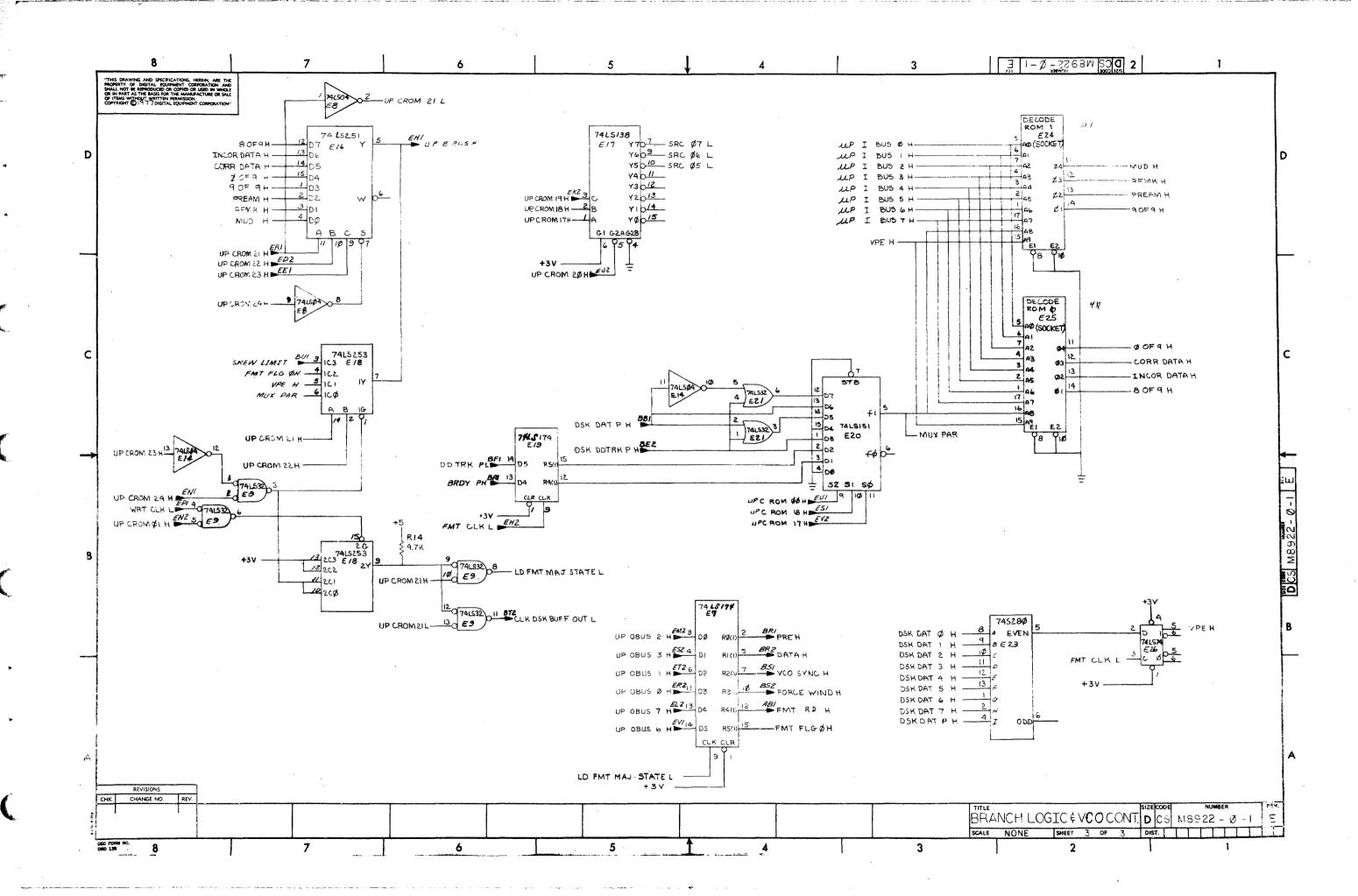
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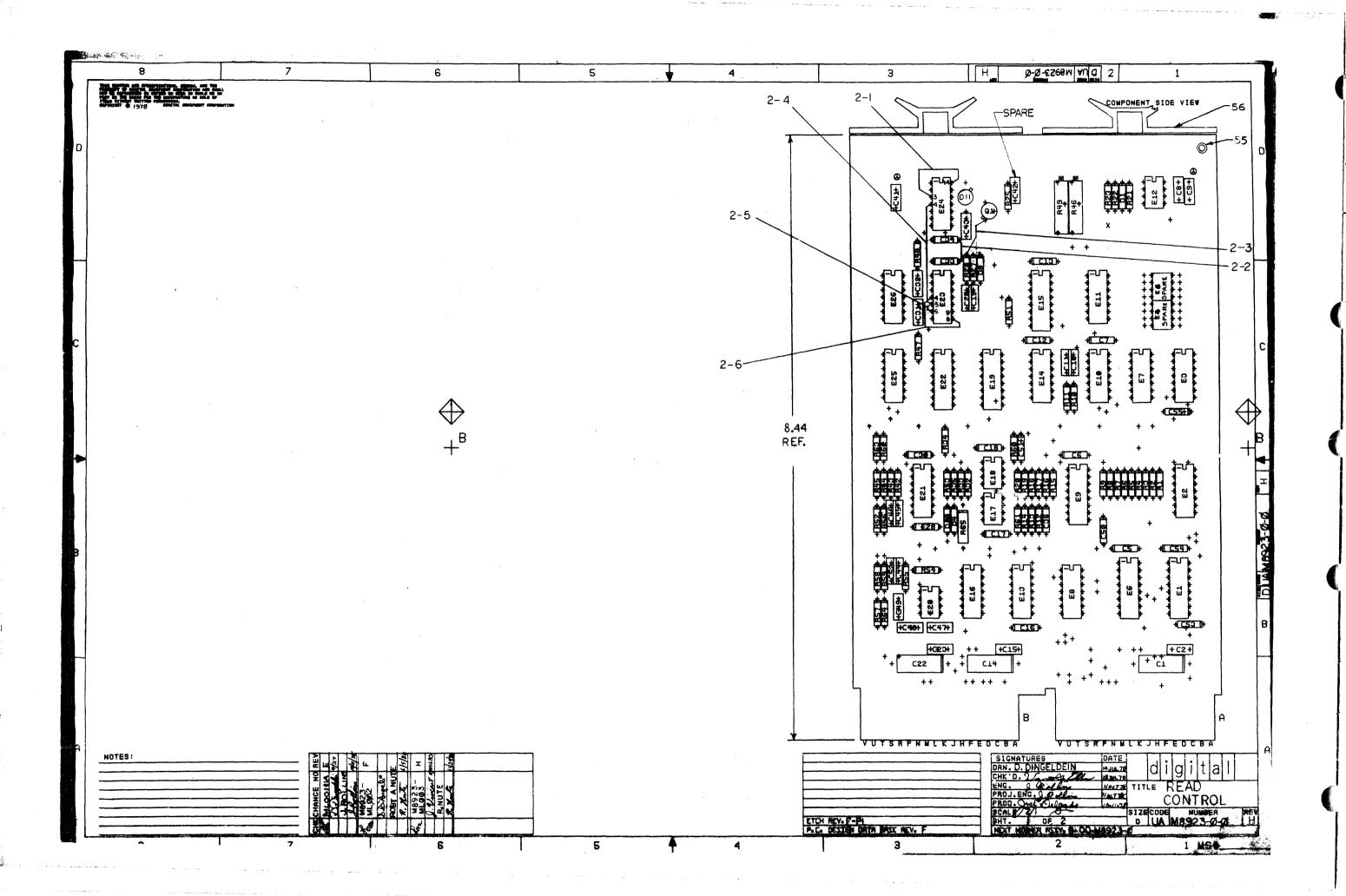


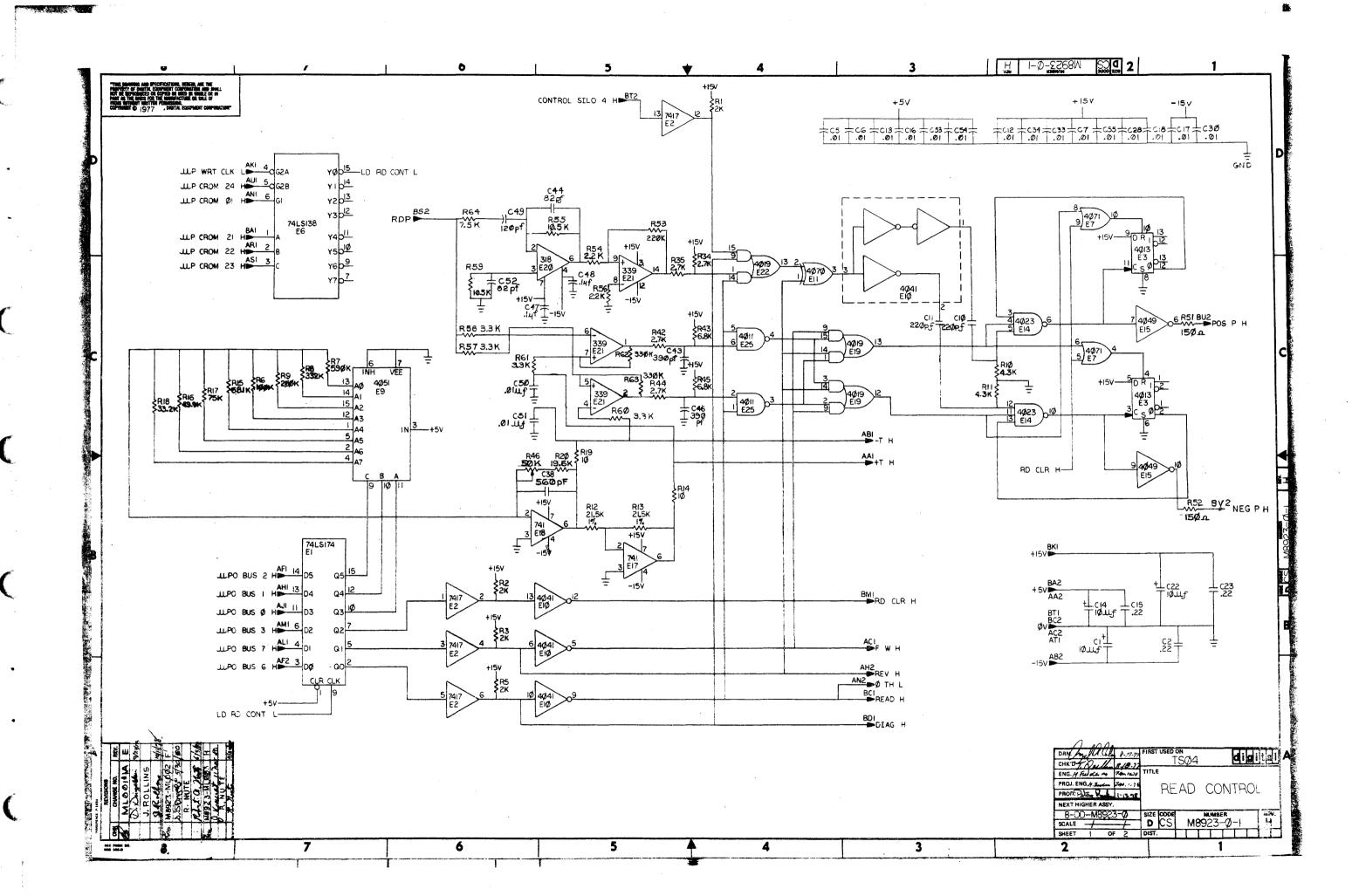
1 37 5012776-00 M8922 1 1000011-00 47.0 MMF 100V 5%200PPM MICA 1 C41 1000011-00 1000.0 MMF 100V 5%200PPM MICA 2 C47,C48 10001610-00 101 MFD 50V +80-20% 25U CER 34 C1-C16,C18-C33,C46,C43 1002427-00 15.0 MMF 100V 5%200PPM MICA 1 C44 1005306-00 6.8 MFD 35V 10% 5.7 ANT 5 C34-C38 1005784-00 .01 MFD 100V 10% MYLR 1 C39 8 7 1010274-00 .22 MFD 50V +80-20% Z5U CER 2 C40,C42 9 8 1211666-00 SKT,IC 18PIN DIP GOLD PLATE 2 XE24,XE25 1300432-00 3.0 K .25 W 5.0 % CC 1 R1 14	
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REVISION HISTORY BASIC PART NO: M8922 H.RICHER DATE: 20-FEB-78 D I G I T A	L .
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1 [N] !D-UA-M8922-0-0 !TS04 ! Z0564E.PLS !	±5
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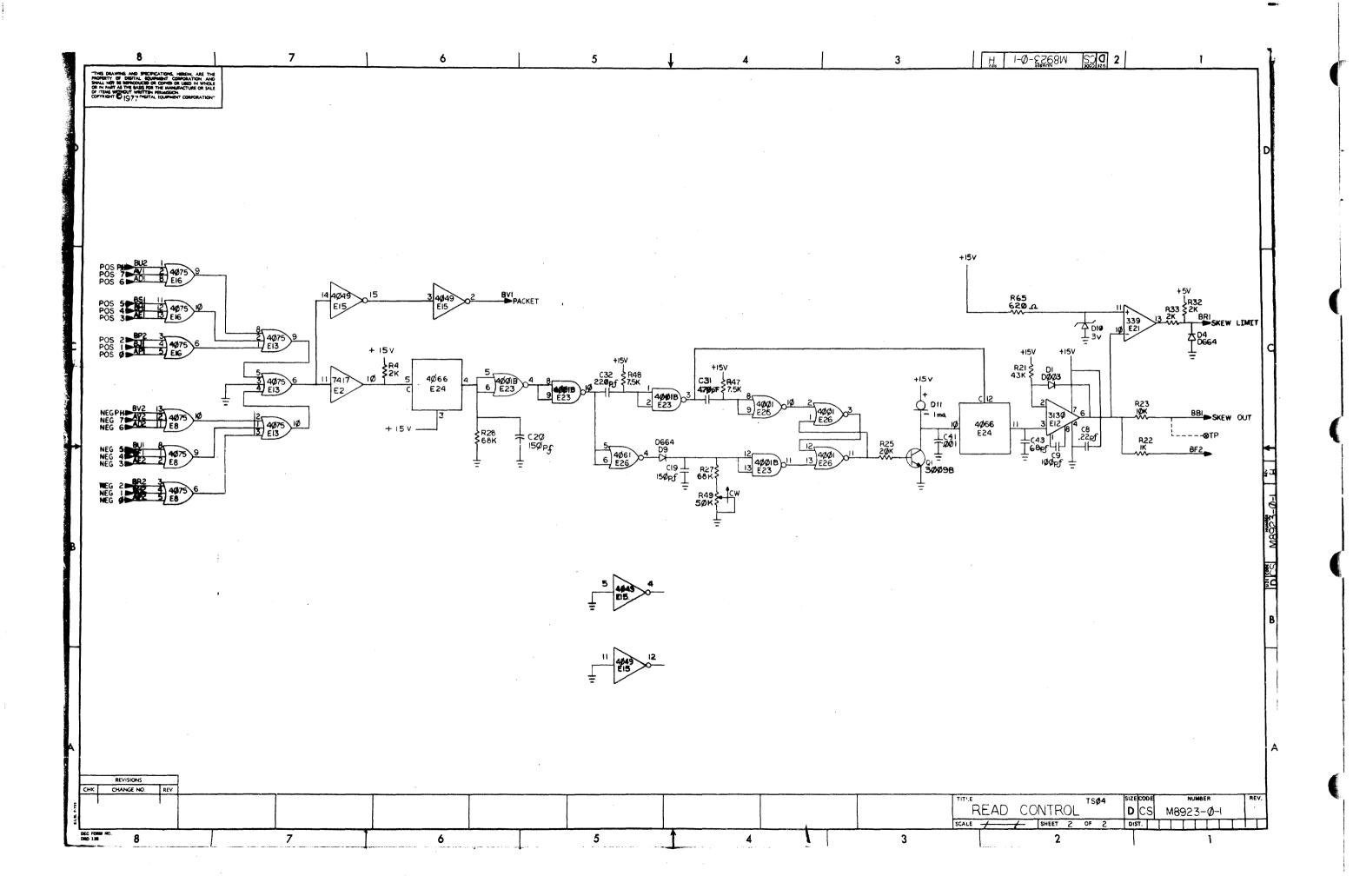
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AUTOM	ATED B	BY PRTLST.1D(10)		PARTS LIST	ATV DED UADIATIO	SHEET A2 OF A2
LINE	TEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATIO	REFERENCE DESIGNATOR
HUMHUN BORNESSE THE THE	CHUCTUSCHTCOTT		1912842-00 1912844-00 1912850-00 1912850-00 2113632-00 2113632-00 23384F1-00 9006556-00 9006556-00 9006732-00 9008735-00 9008337-06	LS138 DECODER-THREE INPUT, LS151 MUX 1 OF 8 & DATA LS164 SHIFT REG. 8BIT SERI 74LS393 COUNTER, BINARY, 4BIT 4046B PHASE-LOCKED LOOP 4066B BILATERAL SWITCH-QUA F1-01 F1-01 SCREW, BIND, SLOT 4-40X 1/4 SS NUT, HEX 4-40X1/4 AF X 3/ WASHER, LOCK, S.5. #4 EYELET, ROLL FLANGE .1210DX .219 EYELET, FUNNEL FLANGE .259 OD X HANDLE, FLIP CHIP, MAGENTA 330.0 .25 W 5.0 % CC	N-mu	E17 E20 E20 E30 E30 E34 E24 TP1, TP2 R3, R5

	*****	<u> </u>	-++++
I DIT I GIT I TEALL! TITLE BRANCH LOGIC & VCO CONTROL!!	SECTION A OF A	SIZE CODE DOCUMENT NUMBER	REV :
	!	K PL M8922-0-DBP	E
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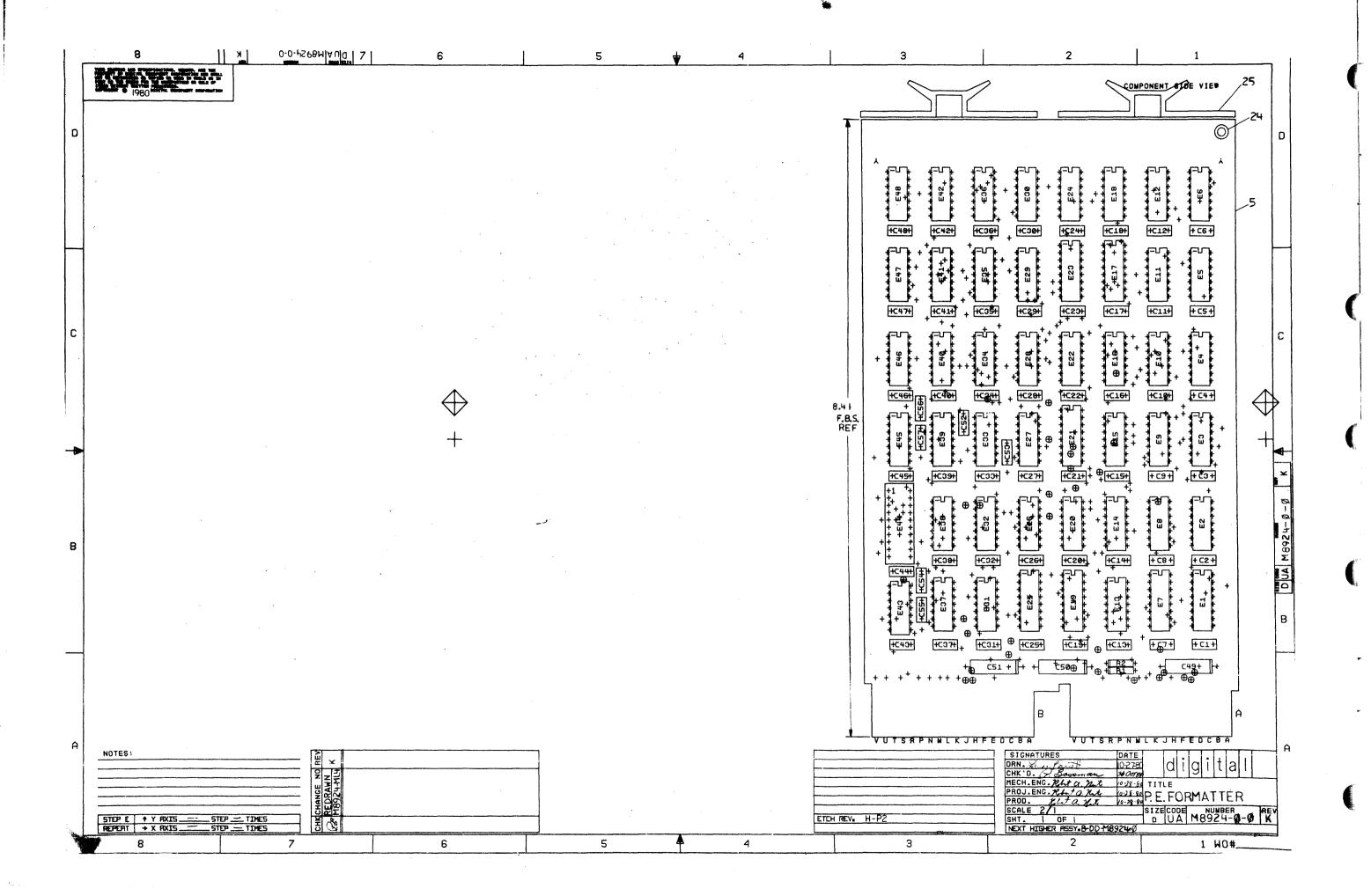


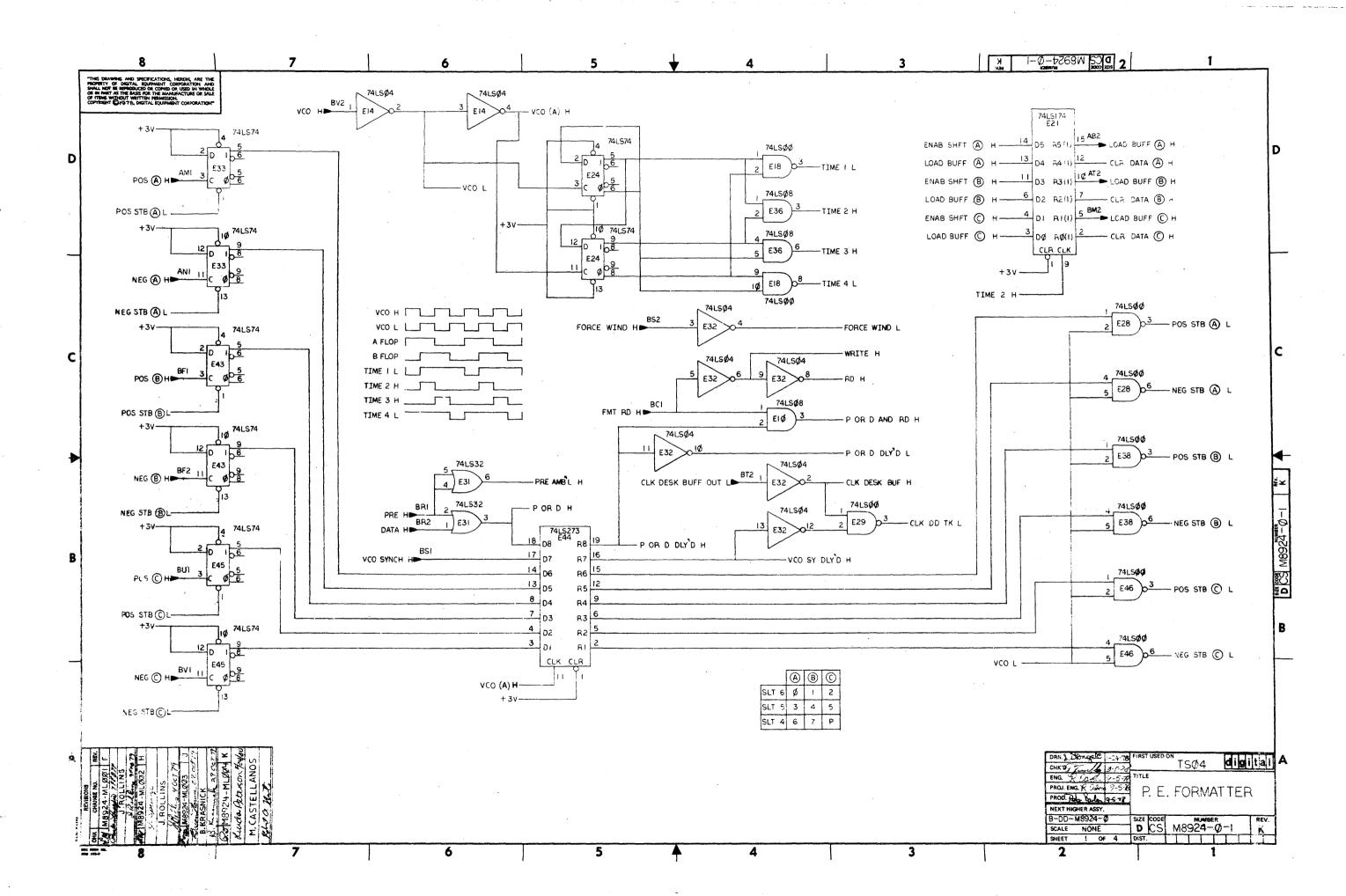
AUTOMATED BY PRTLST.2E(3) LINE ITEM DOCUMENT NUMBER	P A R PART NUMBER DESCRIPTION	TS LIST	OTY PER VARIATION GO REFERENCE	SHEET A1 OF A3 DESIGNATOR
1 D-CS-M8923-0-1 2 D-UA-M8923-0-0 3 B-DD-M8923-0-0 4 D-MD-5012847-0-0 5 6 7 8 9	READ CONTROL READ CONTROL READ CONTROL READ CONTROL DRILL & ETCH M8923 1000014-00 68.0 MMF 1000016-00 150.0 MMF 150.0 MMF 150.0 MMF 1001610-00 .01 MFD	R R R R DRAWING R 100V 5%200PPM MICA 100V 5%200PPM MICA 100V 5%200PPM MICA 50V +80-20% Z5U CER	REF REF REF REF 1 C43 1 C9 1 C19,020 17 C5,05,07,000 17 C30,033,000	C12.C13.C16-C18.C28, 34.C50.C51.C53-C55
10 11 11 11 11 11 11 11 11 11 11 11 11 1	1004813-00	20V 10% S.TANT Z5V GN Z5V GN Z5V SP GN Z5V SP CCC CCC CCC CCC CCC CCC CCC CCC CCC	34 12 13 12 12 12 12 12 12 12 12 12 12 12 12 12	C12,C13,C16-C18,C28, 34,C50,C51,C53-C55 2,C23
I DEVICTOR HIGTORY IRACTO	PART NO: M8923 !	3	: 20-SEP-78 D I	G I T A L FARTS LIST
DJ !M8923-ML003		T.QUILLIN DATE: J.ROLLINS DATE:	: 20-SEP-78 READ CONTRO	!
[O] [E] [H]	RESP.ENG.	: J.ROLLINS DATE:	DOC : 20-SEP-78 ++++++++++++++++++++++++++++++++++++	UMENT NUMBER HELLER REV
[J] [K] [L]	MFG.ENG.: +++++++ ASSEMBLY 0-UA-M892	eereeereeereeere!eeree NUMBER: !TOP D	DOCUMENT NUMBER: FI	923-0-DBP H CHECKER CONTROL LE NAME: EDIT # 482H.PLS 12
"THIS DRAWING AND SPECIFIOR COPIED OR USED IN WHO	CATIONS HEREIN. ARE THE PROPE LE OR IN PART AS THE BASIS FO COPYRIGHT (C) 1981.	RTY OF DIGITAL FOULPMEN	NT CORPORATION AND SHALL N ALE OF ITEMS WITHOUT WRITT	OT BE REPRODUCED !

AUTOMATED BY PRTLST.2E(3) LINE ITEM DOCUMENT NUMBER	PART NUMBER	PARTS LIST DESCRIPTION	QTY PER VARIATION OO REFERENCE DE	SHEET AZ OF AZ ESIGNATOR
301233+567890123	130140000000000000000000000000000000000	33.20 K .25 W 1.0 % RN55D-F10 332.0 K .25 W 1.0 % RN55D-F10 318 OP AMP DEC30098 NPN 200MW SI 20 LEAR DEC 77417 OP AMP 318 OP AMP 318 OP AMP 318 OP AMP 318 OP AMP 318 OP AMP 318 DEC 300798 AND COMPATE AND COMPAT	R57,R58,R60 R64 R55,R59 R53 R62,R63 C49 C49,C52 C49,C46 C47,C48 C47,C48 C47,C48 C47,C48 C47,C48 C47,C48	
D I G I T A L T	ITLE READ CONTROL	SECTION A	OF A SIZE CODE DOCUM	ENT NUMBER REV -O-DBP H

PARTS LIST AUTOMATED BY PRTLST.2E(3) LINE ITEM DOCUMENT NUMBER PART NUMBER DESCRIPTION 560.0 MMF 100V 5%200PPM MICA 470.0 MMF 100V 5%200PPM MICA 4001PE NOR GATE-QUAD 2IN C

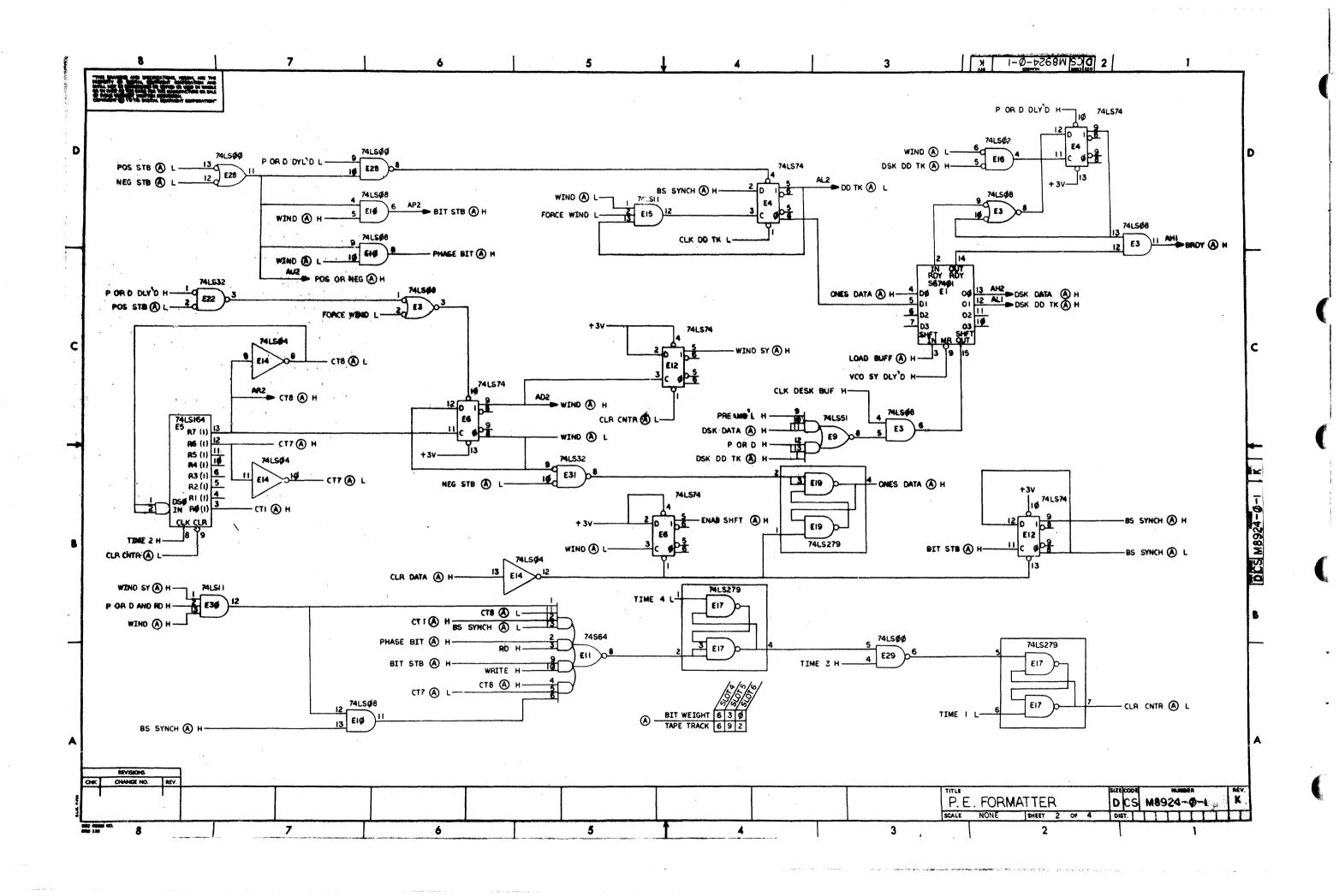
81 NOTE: USED ON: OPTION/MODEL TSO4

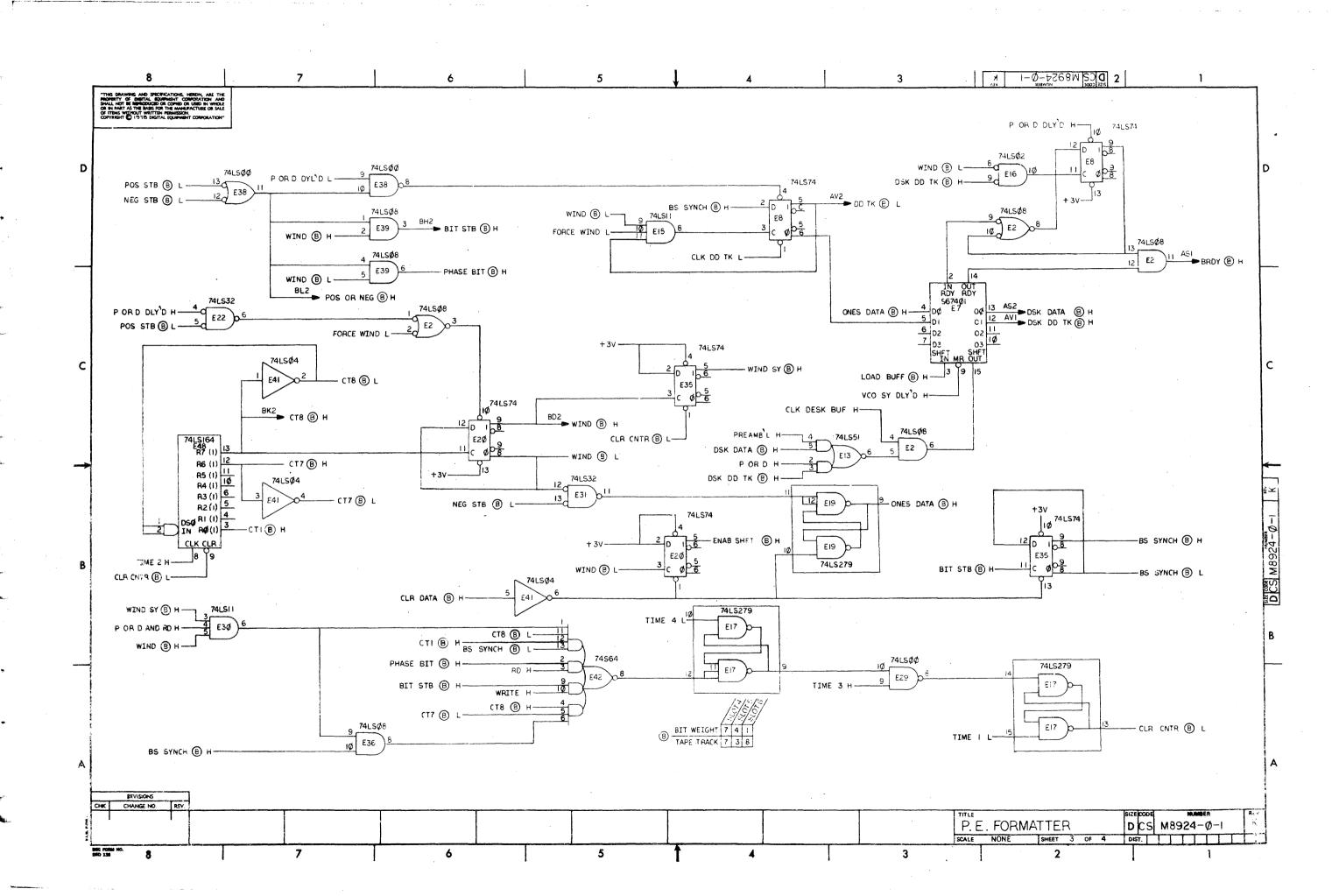


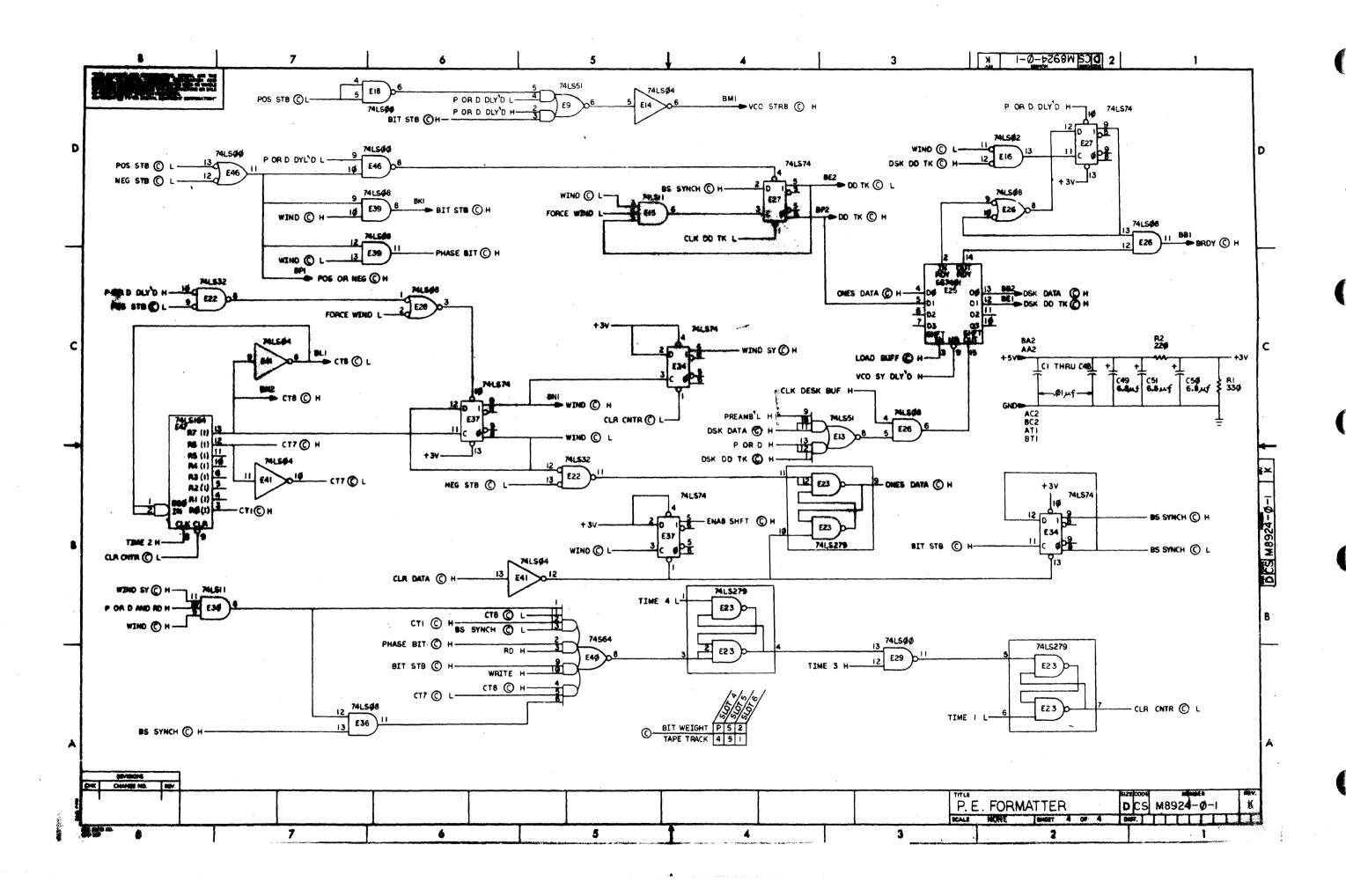


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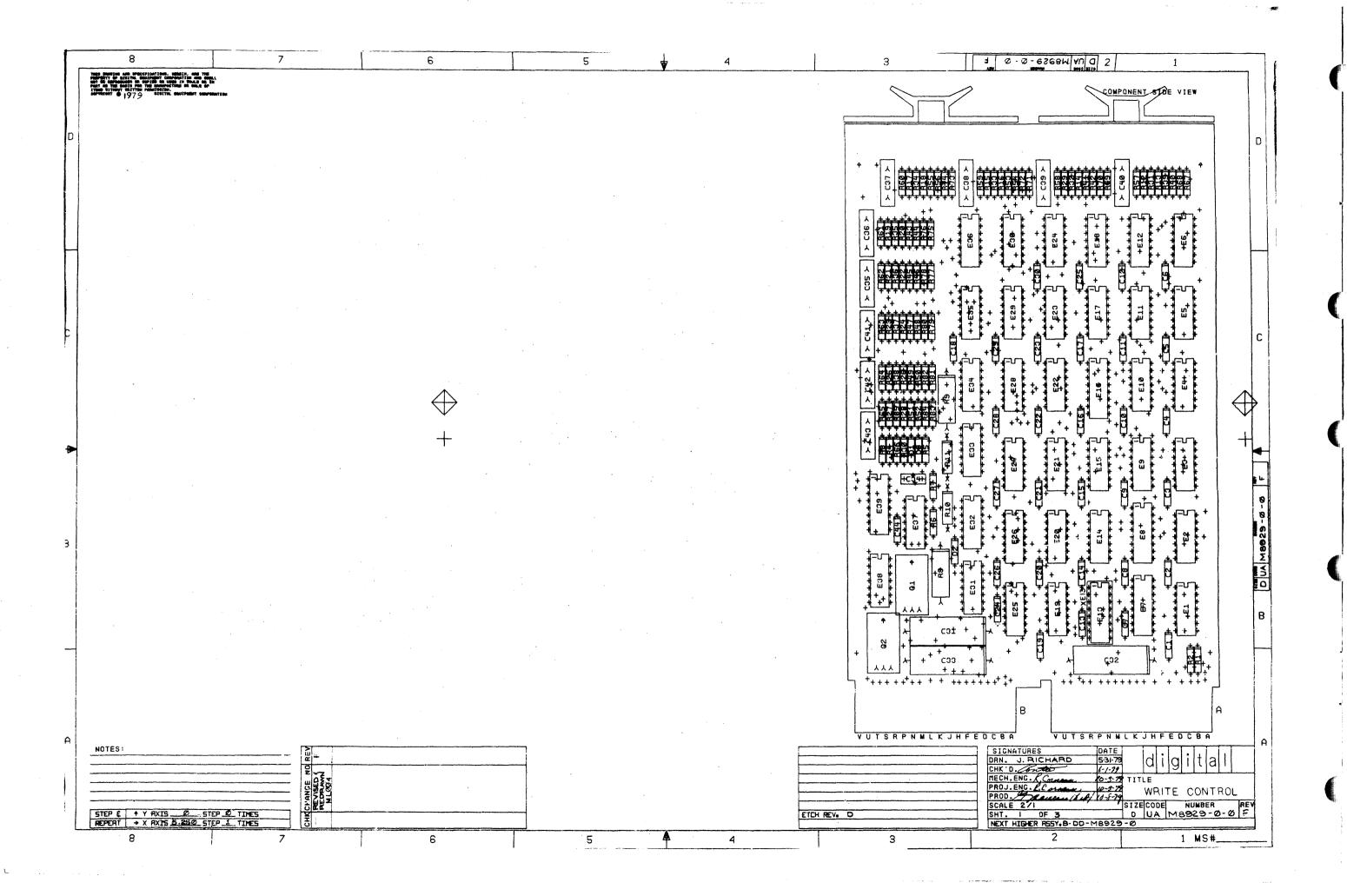


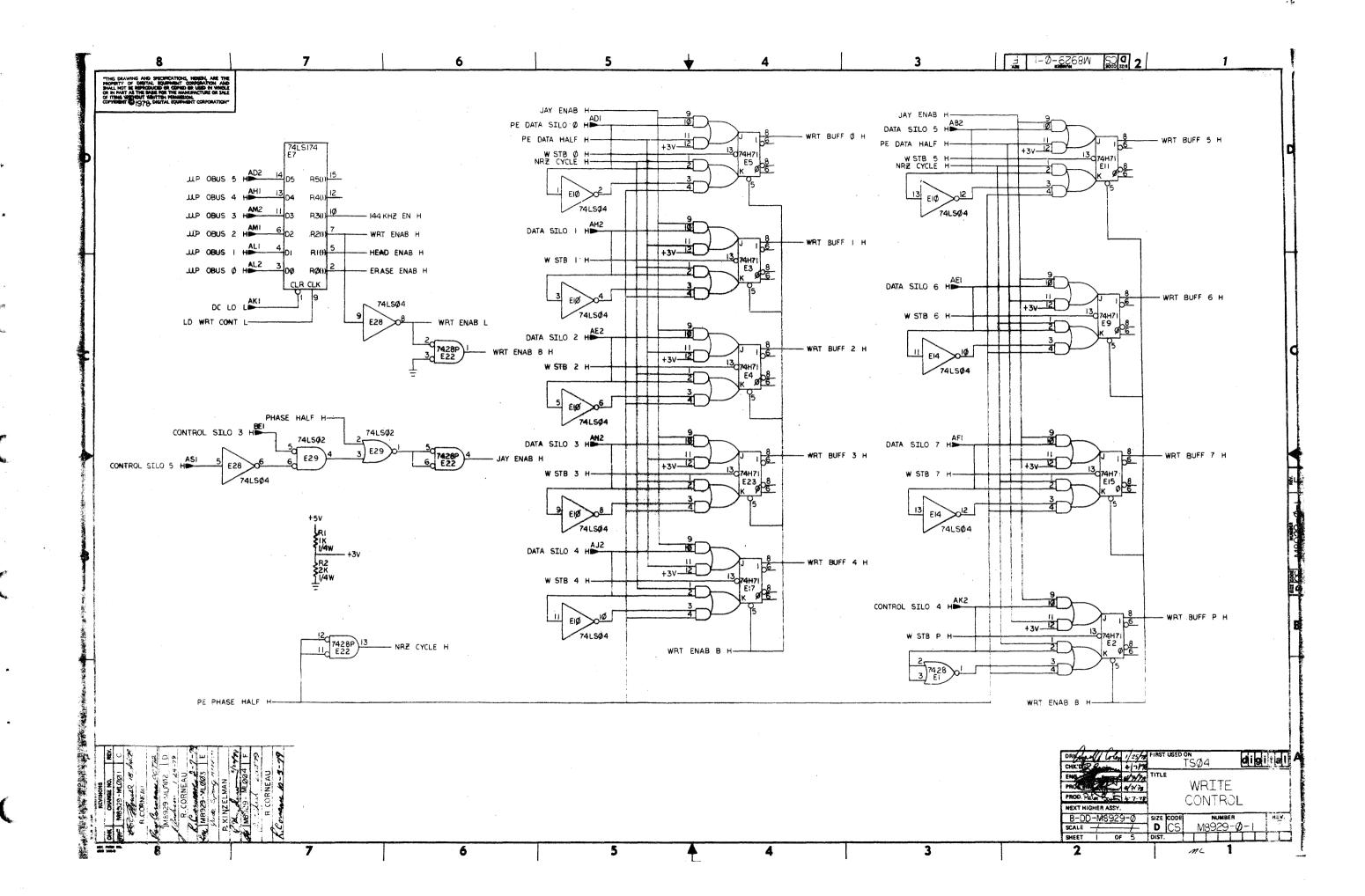


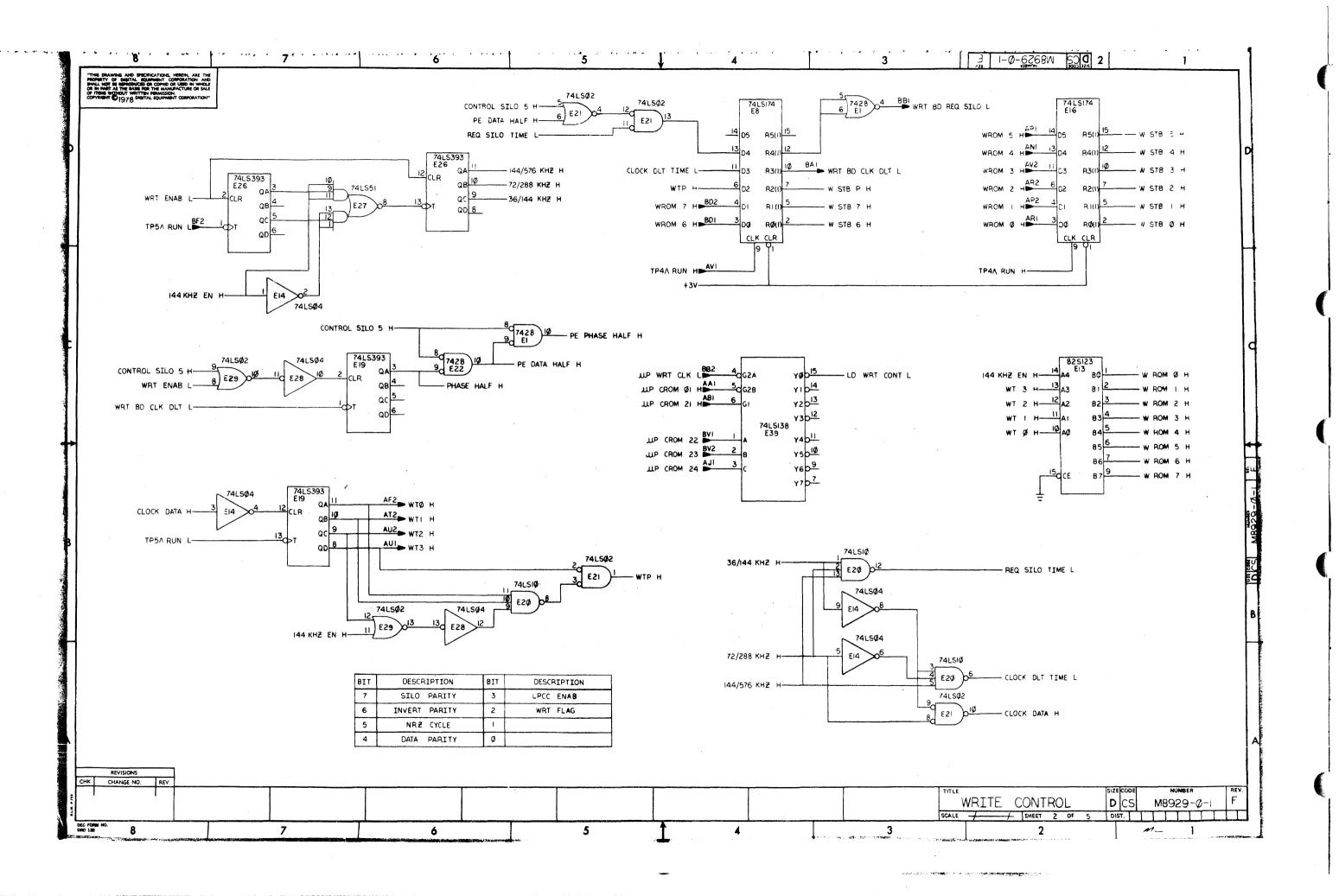
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	00			REFERENCE DESIGNATOR	
1 2	1 2	D-CS-M8924-0-1 D-UA-M8924-0-0		CIRCUIT SCHEMATIC UNIT ASSY	REF REF	<i>:</i>			
3	3	B-DD-M8924-0-0		DWG DIRECTORY	REF				
4 5	- 4 - 5	D-MD-5011956-0-0	5011956-00	DRILL & ETCH DWG M8924	REF				
6	6		1001610-00	.01 MFD 50V +80-20% 25U CER	48		•	C1-C48	
7	7	•	1005306-00	6.8MFD 35V 10% S.TANT	3			C49-C51	
8	8 9	•	1300271-00	220.0 .25 W 5.0 % CC 330.0 .25 W 5.0 % CC	1			R2	
10	10		1300295-00 1910542-00	330.0 .25 W 5.0 % CC 74864 A-O-I GATE 4-2-3-2	1 3		-	R1 E11,E40,E42	
11	11		1912697-00	LS174 FF-D HEX W/CLEAR	1			E21	
12	12		1912799-00	LSOO NAND-GATE-QUAD 21N,P	5			E18,E28,E29,E38,E46	
13	13		1912801-00	LS02 NOR-GATE-QUAD 2IN	1			E16	
14 15	14		1912803-00	774LS04 INVERTER GATE, HEX	3			E14,E32,E41	
16	15 16		1912805-00 1912808-00	LSOS AND GATE-QUAD 21N,PO LS11 AND GATE-TRIPLE 3IN	2			E2,E3,E10,E26,E36,E39 E15,E30	
17	17		1912816-00	LS32 OR GATE-QUAD 21N,POS	2			E22,E31	
18	18		1912820-00	LS51 A-O-I GATE 2-WIDE 2I	2			E9,E13	
19	19		1912824-00	LS74 FF-D DUAL, EDGE TRIGG	13		CONT	E4,E6,E8,E12,E20,E24,E27, E33-E35,E37,E43,E45	
20	20		1912850-00	LS164 SHIFT REG. 8BIT SERI	3			E5,E47,E48	
21 22	21 22		1912863-00	LS273 FF-D OCTAL W/CLEAR LS279 LATCH:QUAD-S-R	. 3	,		E44 E17,E19,E23	
23	22		1912864-00 1914768-01	LS279 LATCH,QUAD-S-R FIFO, SLOW (67401)	. 3			E1, E7, E25	
24	24		9006732-00	EYELET, ROLLED FLANGE, .121 OD X	4			tion of F that F F that they had	
25	25.		9008337-06	HANDLE, FLIF CHIP, MAGENTA	2)		•	
26	26		9105740-55	*** THIS ITEM IS NOT USED ***	•••				
27 28	27 28	D-EC-5011956-0-0	1000023-00	330.0 MMF 100V 5%200PPM MICA ETCH CUT DRAWING	6 REF			C52-C57	

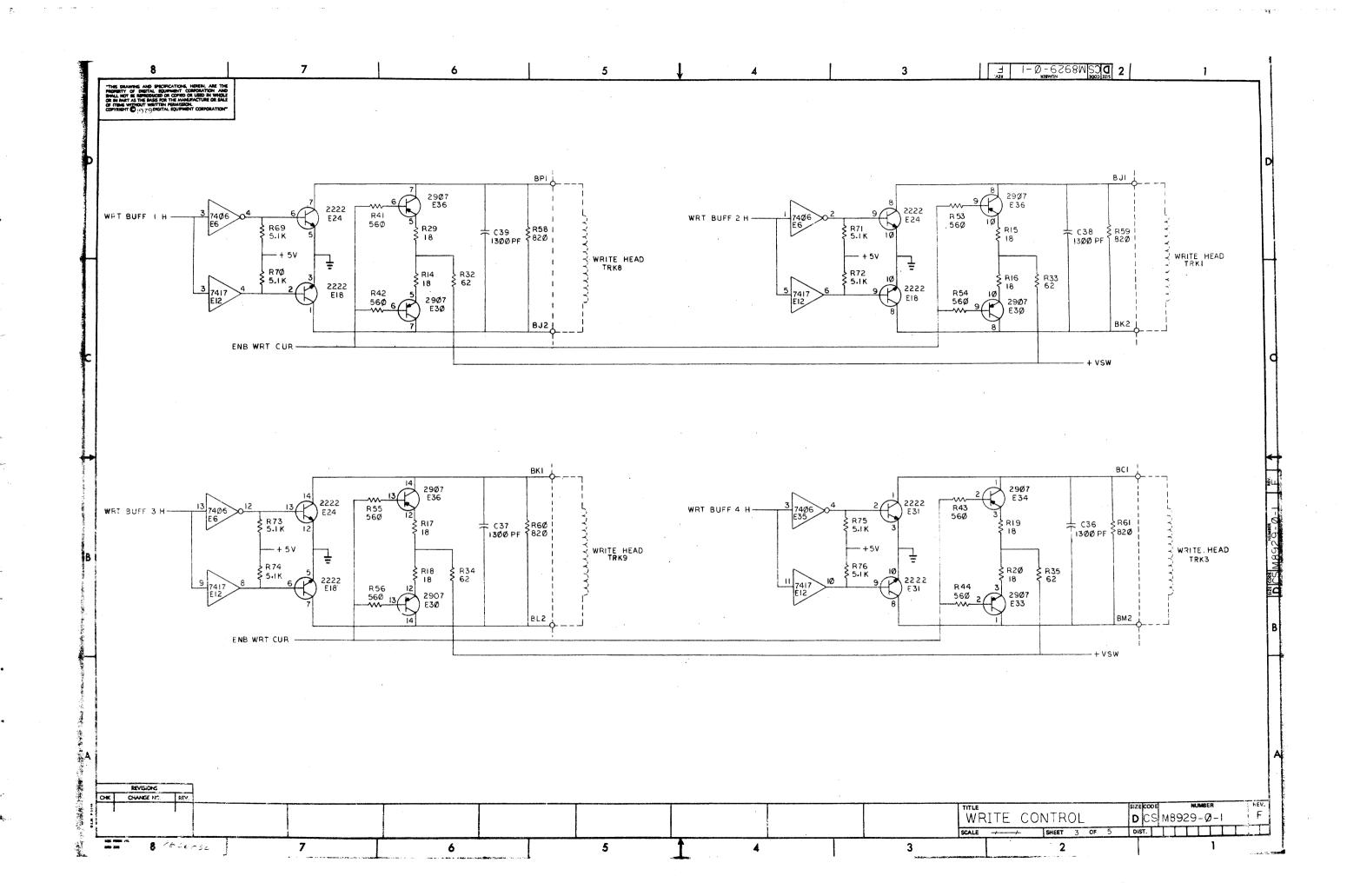
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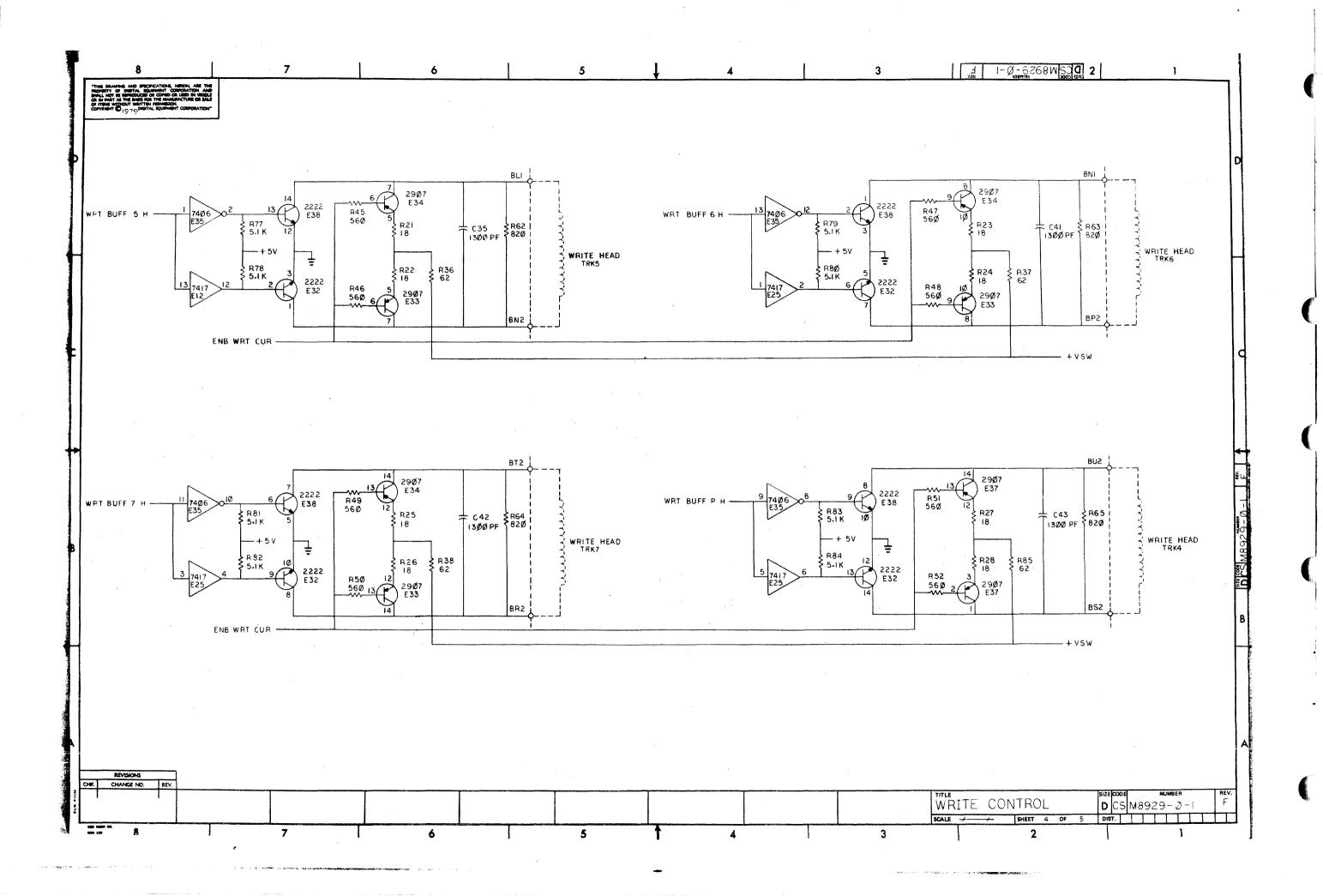
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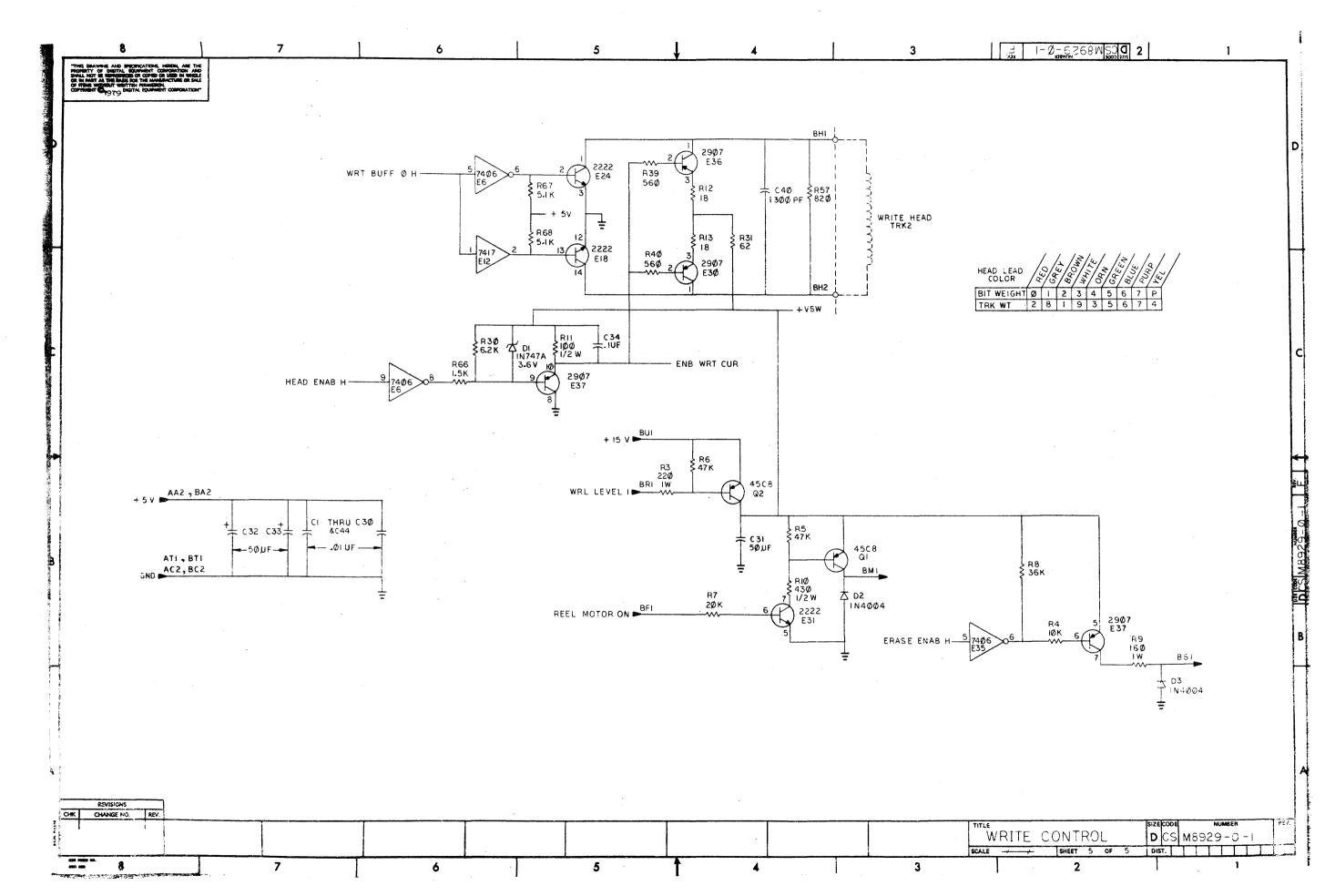












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AUTOMATED BY PRTLST.1D(7)		PARTS LIST	QTY PER VARIATION	SHEET AI OF A2
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1	UN Dh Dr	RCUIT SCHEMATIC HIT ASSY NG DIRECTORY RILL & ETCH DWG	REF REF REF REF	
56 7 7 8 8 9 9 10 10 11 11	1000080-00 1001610-00 .C	FR THIS ITEM IS NOT USED *** 50 MFD 50V +75-10% AL EL 11 MFD 50V +80-20% 25U CER 6* THIS ITEM IS NOT USED ***	3 C 31 C	31-C33 1-C3D, C44
12 12 13 13 14 14 15 15 16 16 17 17 18 18	1100124-00 ** 1101938-00 ** 1109991-01 ** 1105796-00 1N 1211813-02 S0 1300229-00 ** 1300365-00 1300479-00 1	** THIS ITEM IS NOT USED *** EX THIS ITEM IS NOT USED *** EX THIS ITEM IS NOT USED *** EX THIS ITEM IS NOT USED *** N 4004 PIV=400 I= 1A D041 SP DCKET 16PIN IC LOW PROFILE, EX THIS ITEM IS NOT USED *** 1.0 W10.0 % CC 1.0 K .25 W 5.0 % CC	1 R 1 R 1 R	
######################################	1300479-00 1301322-00 1301401-00 1302177-00 1302388-00 1302391-00 1302466-00	10.0 K .25 W 5.0 % CC ** THIS ITEM IS NOT USED *** ** THIS ITEM IS NOT USED *** *7.0 K .25 W 5.0 % CC 2.0 K .25 W 5.0 % CC 20.0 K .25 W 5.0 % CC ** THIS ITEM IS NOT USED ***	1 R - R 1 R 1 R	4 5,R6 27
26 26 27 28 29 29 20 30 30	1302602-00 ** 1312932-00 3 1314953-00 16 1314954-00 43 1510421-00 **	<pre> EX THIS ITEM IS NOT USED *** 36.0 K .25 W 5.0 %</pre>	- R R R	8 9 10
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! ! [E] ! [F]		RESP.ENG.: H. FINDEISEN DAT	E: 04-APR-78	
[] [] [] [] [] [] [] [] [] []		MFG.ENG.: P. BARTON DAT	E: 04-APR-78 K ! DOCUMENT NUMBER:	PL M8929-O-DBP F FILE NAME: EDIT # Z0214F.PLS 21
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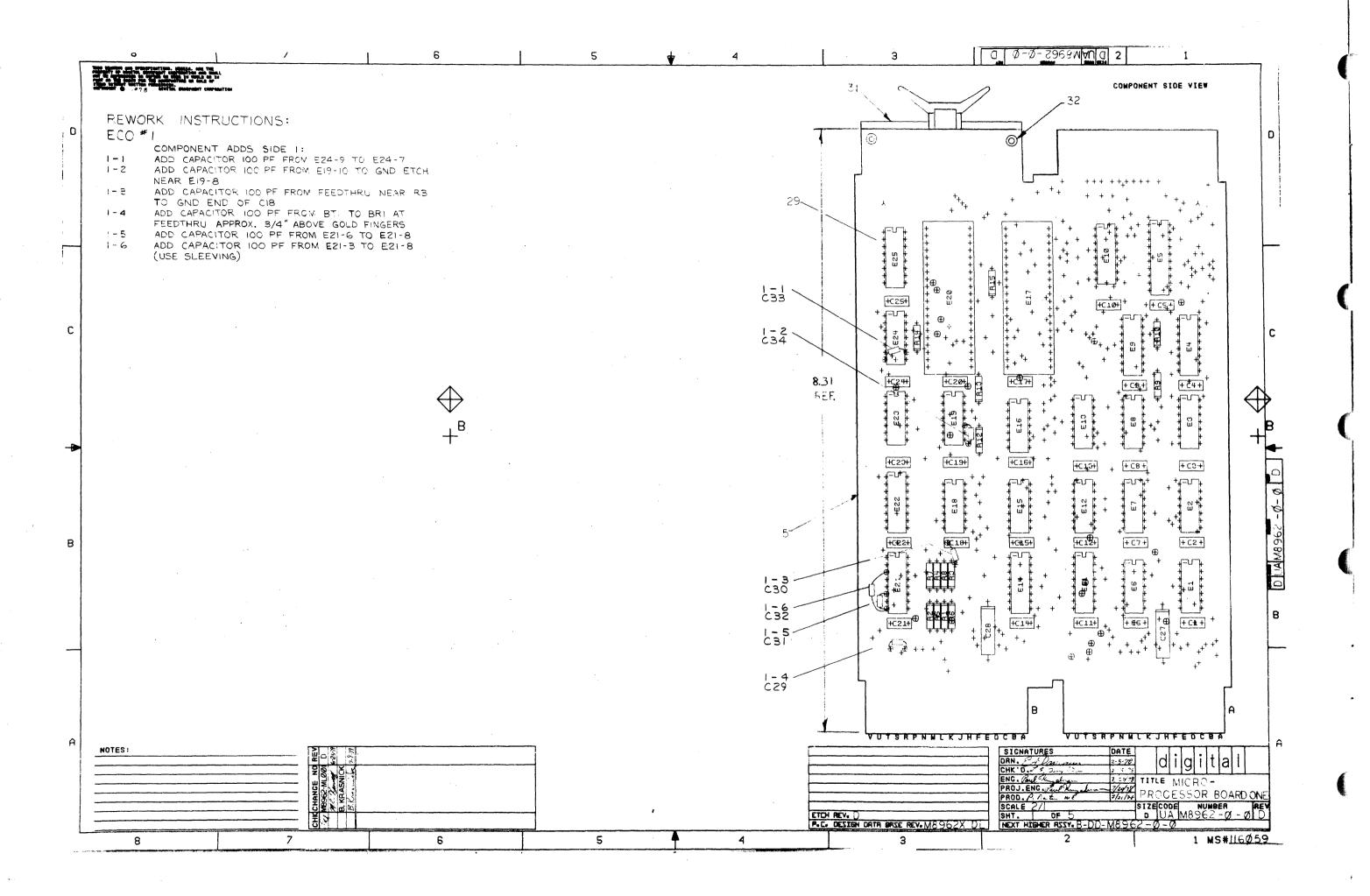
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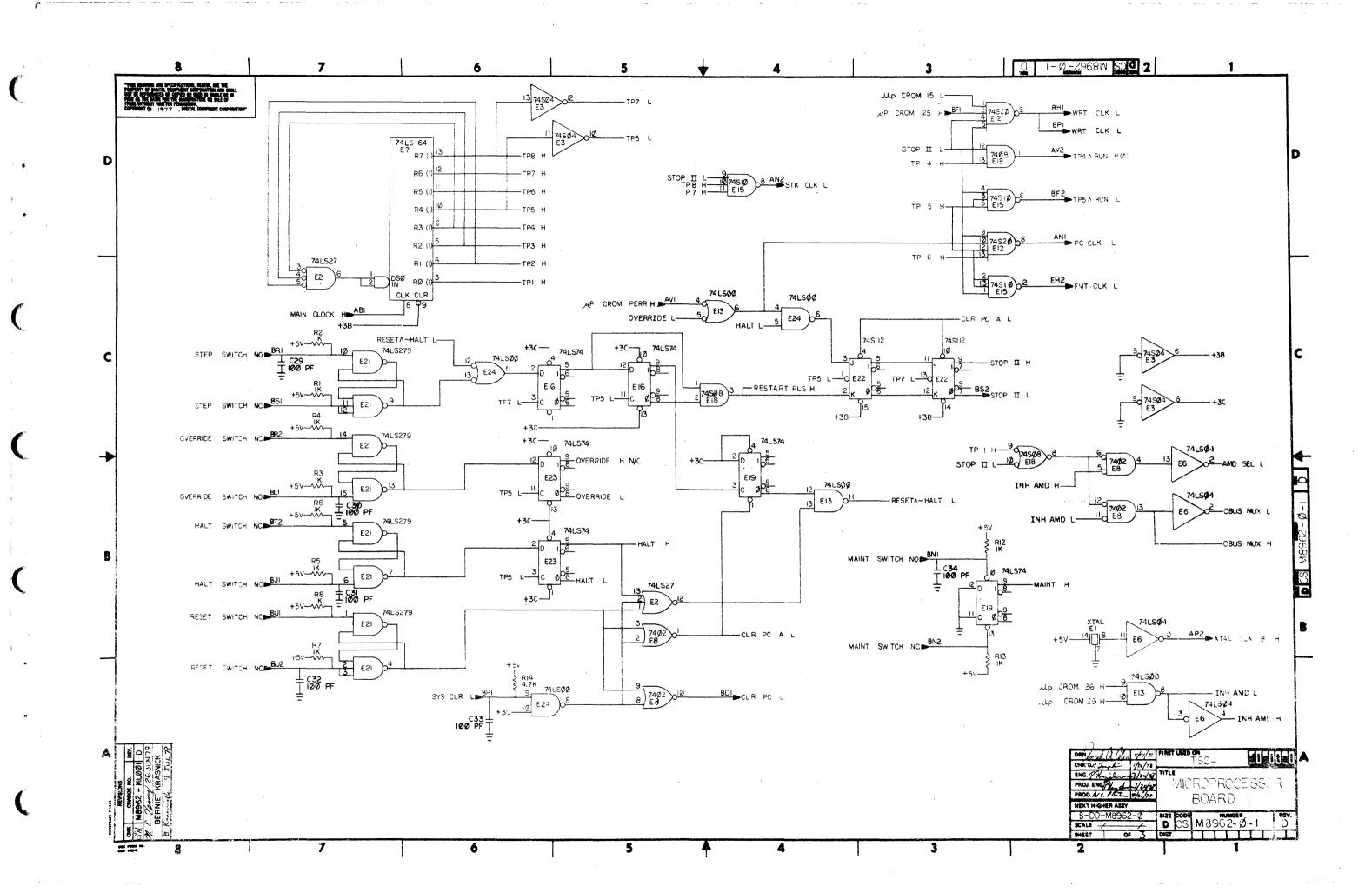
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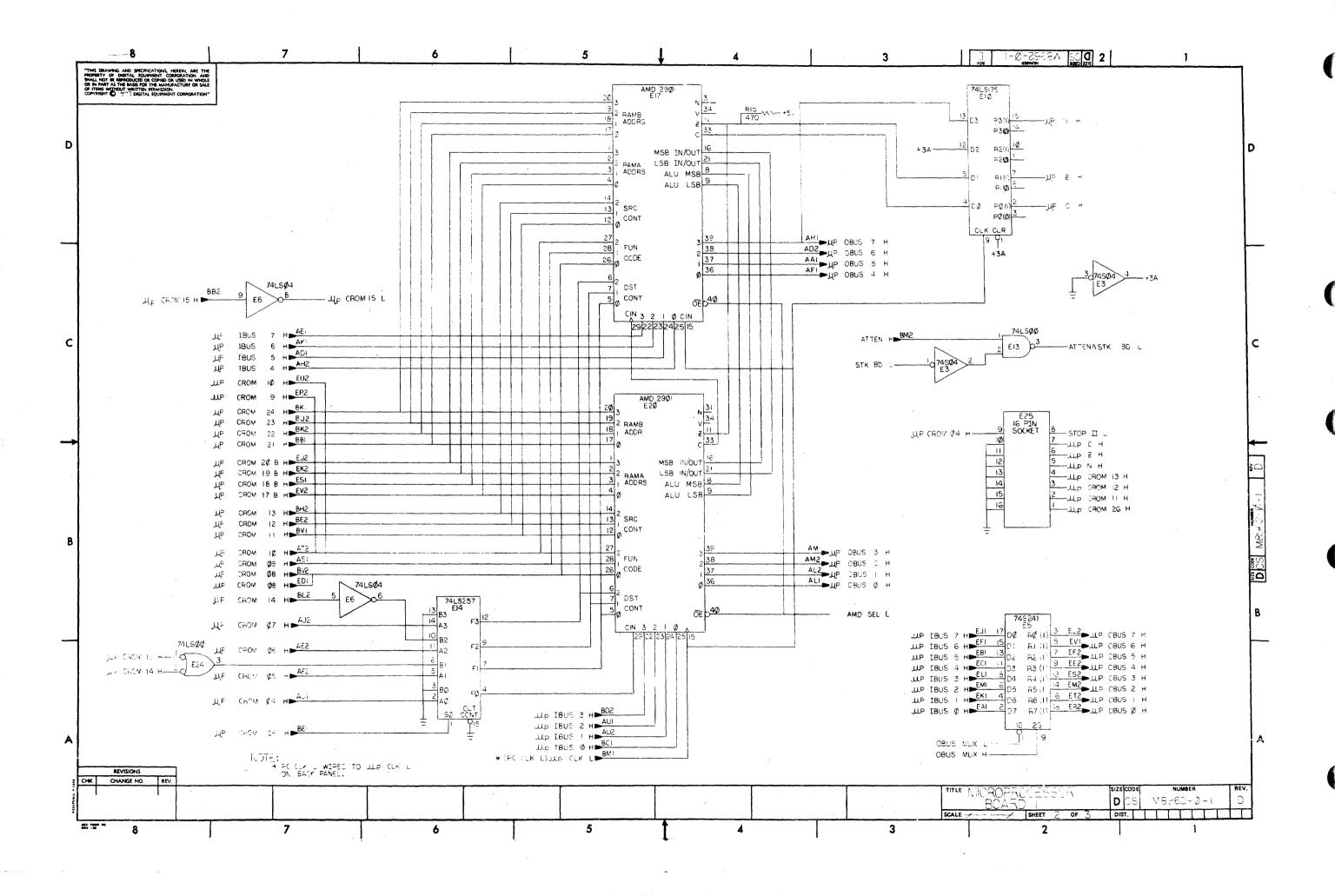
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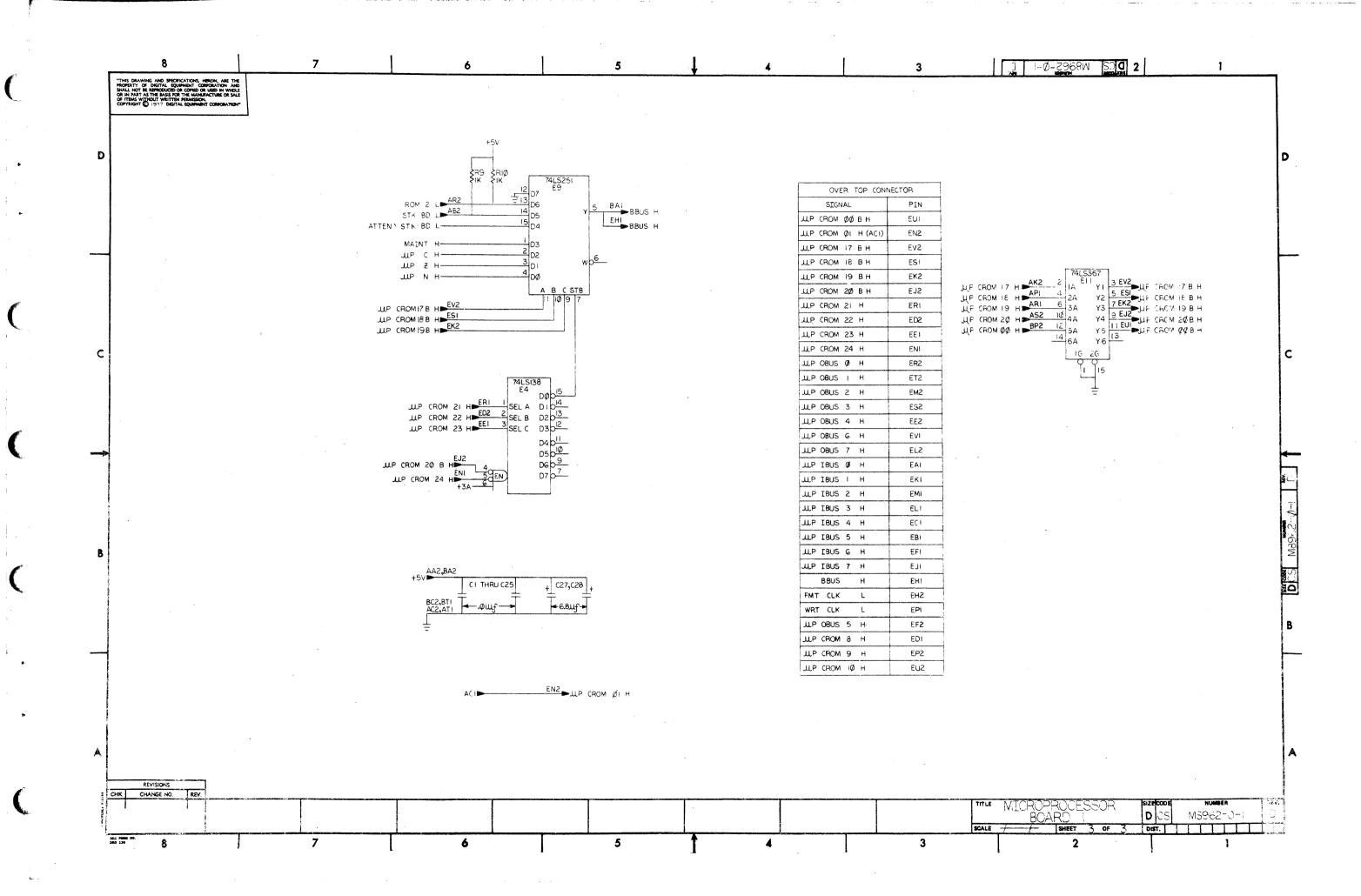
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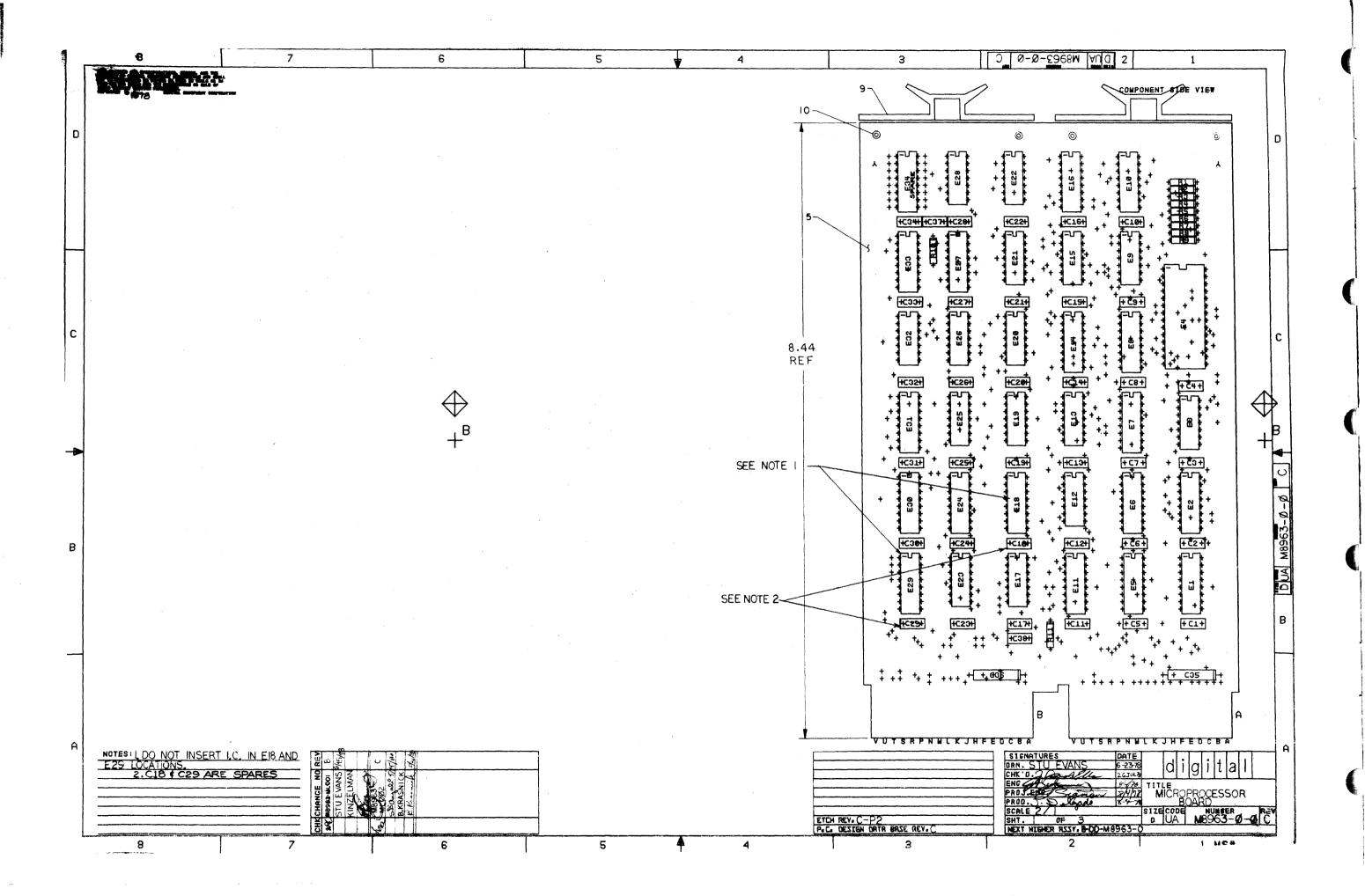


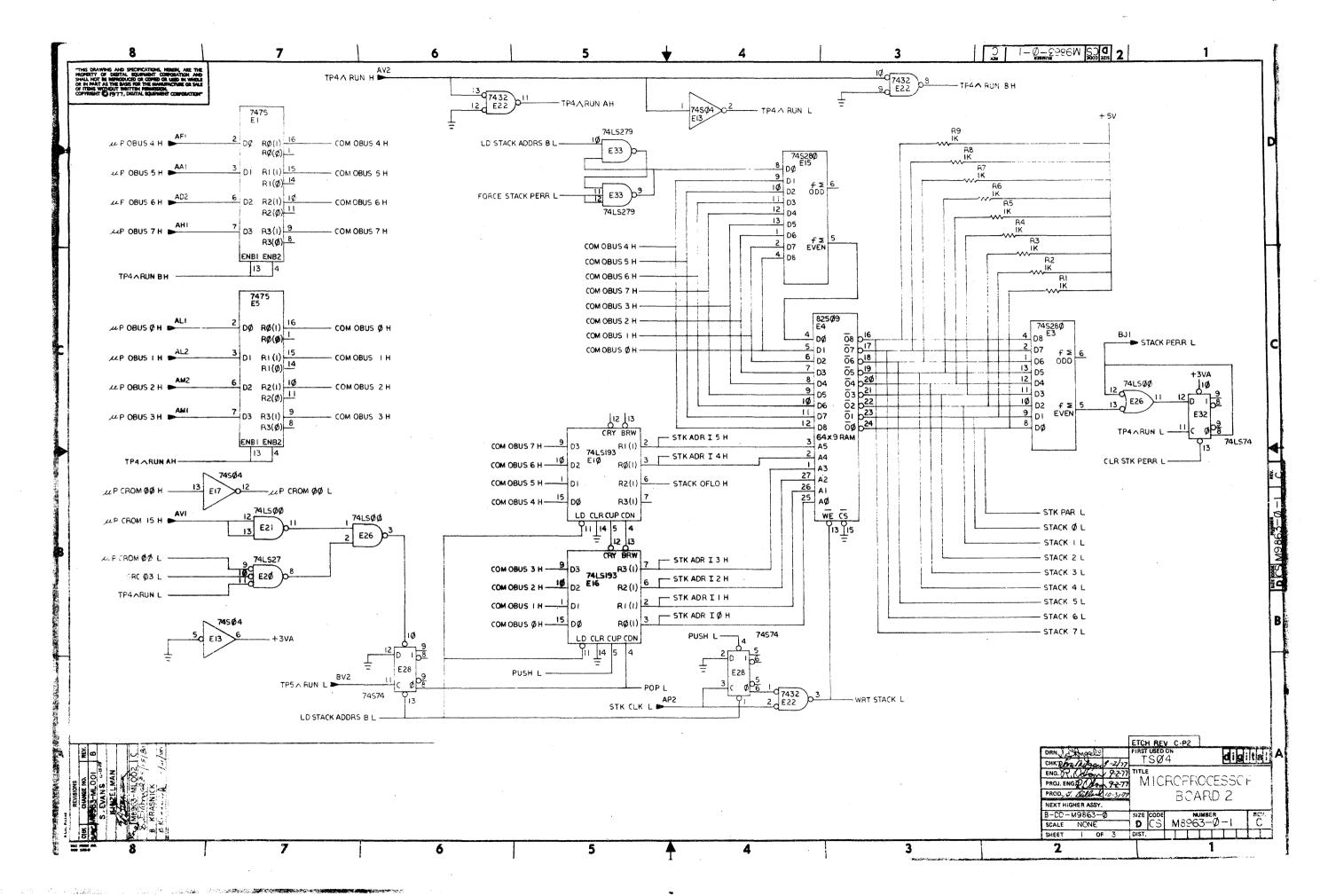


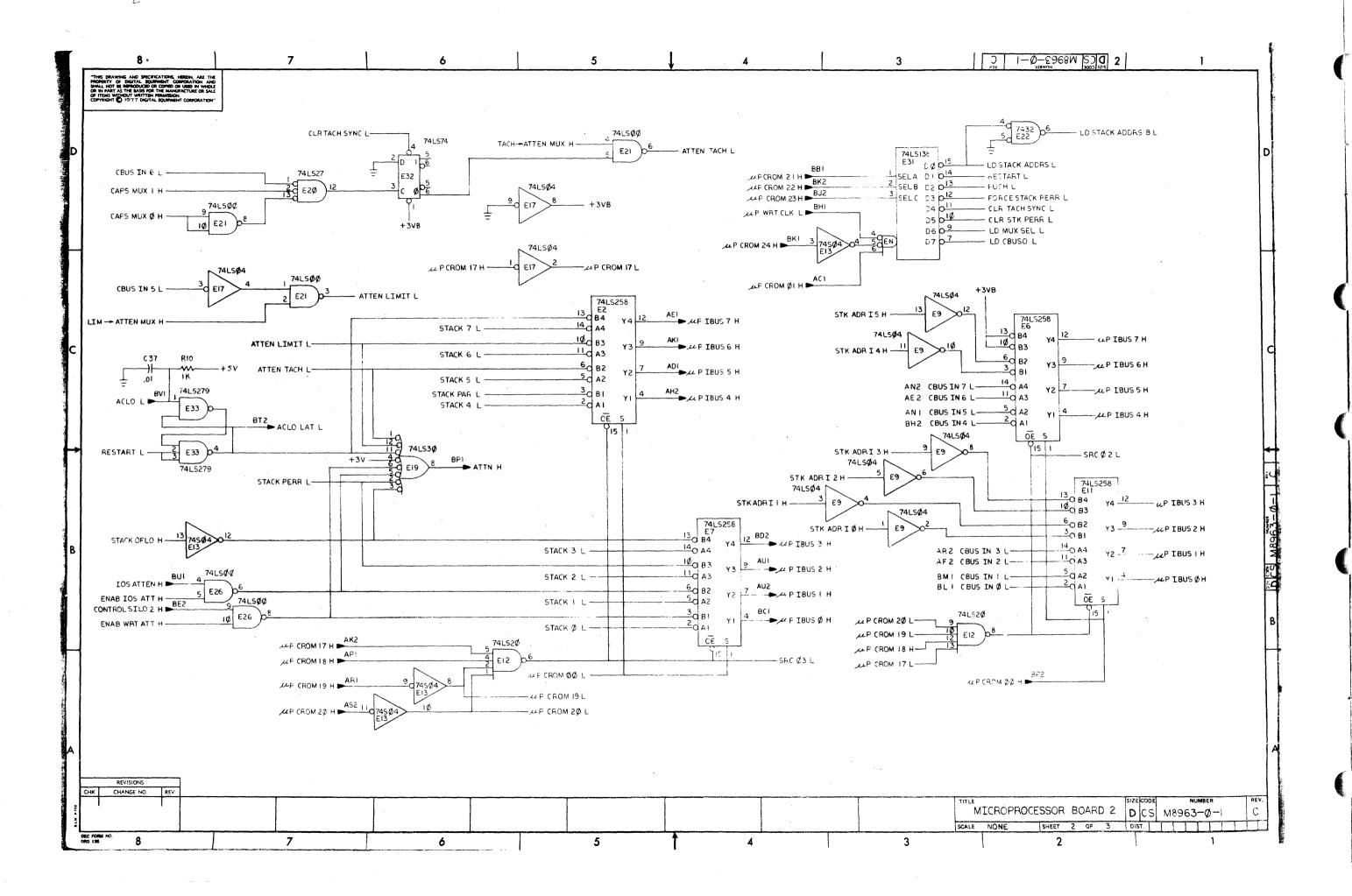
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1 1 D-CS-M8962-0-1 2 2 D-UA-M8962-0-0 3 3 B-DD-M8962-0-0 4 4 D-MD-S012863-0-0 5 5 5 5 6 6 100161 7 7 7 100530 8 8 130031 9 9 130036 10 10 130044 11 11 191347 12 12 191285 13 13 191053 14 14 19191347 15 15 191054 17 17 191238 18 18 19 191264 17 17 191285 20 20 191281 21 21 21 21 21 21285 22 22 23 23 23 23 23 23 23 23 23 23 23 2	0-00	E22 E14 E18 E18 E13,E24 E2 E16,E19,E23 E10 E10
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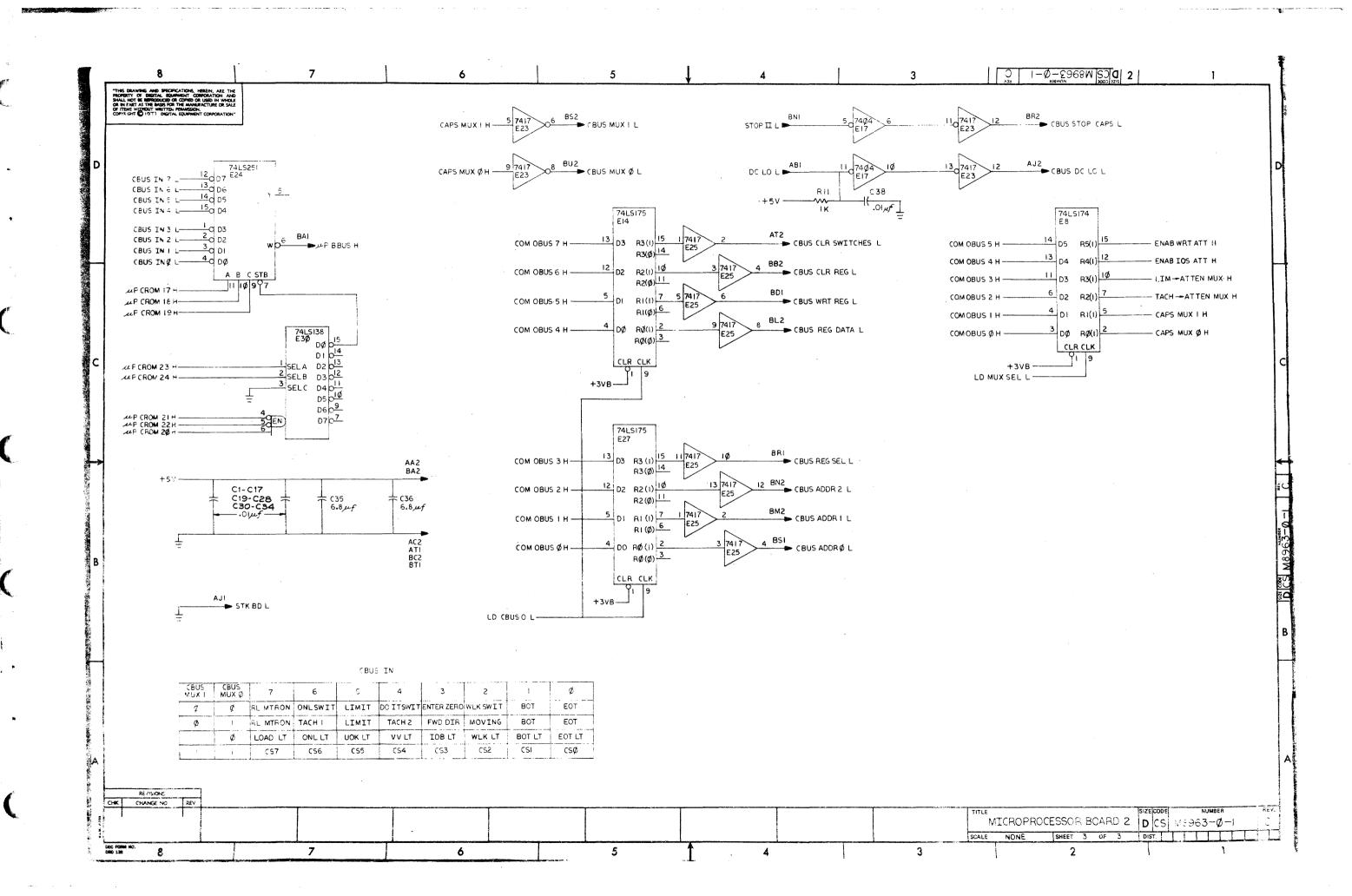
AUTOMATED BY PRTLST.10(5) LINE ITEM DOCUMENT NUMBER	PART NUMBER	PARTS LIST DESCRIPTION	QTY PER VARIATIO	SHEET A2 OF A2 ON REFERENCE DESIGNATOR
31 31 32 32 33 33 34 34 35 35	9008337-06 9006732-00 1912803-00 1000016-00 9107256-11	HANDLE, FLIP CHIP, MAGENTA EYELET, ROLL FLANGE .1210DX .219 74LS04 INVERTER GATE, HEX 100.0 MMF 100V 5%200PPM MICA TUBING, THIN WALL, .027ID UL	1 2 1 6 A/R	E6 C29-C34

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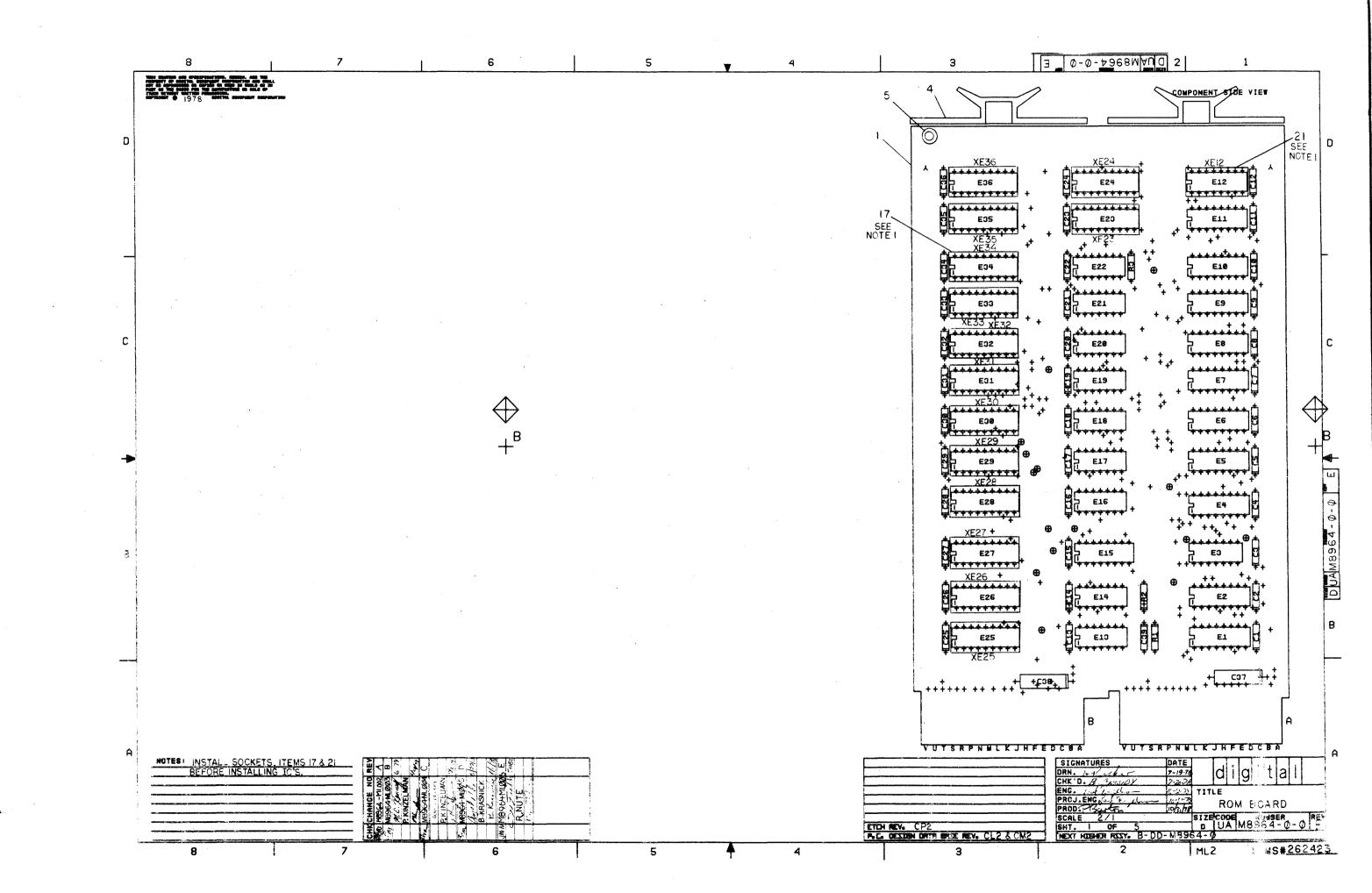


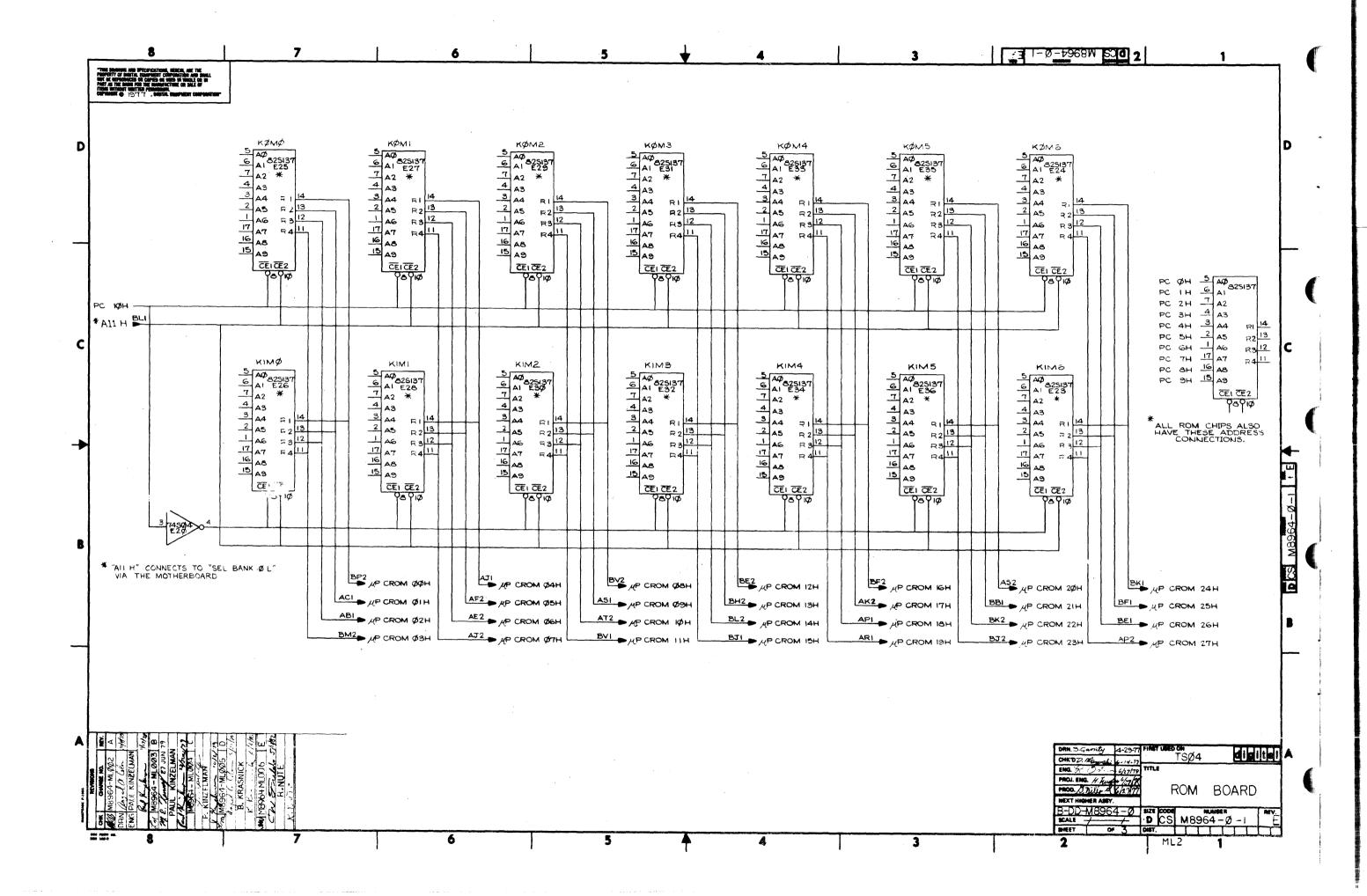


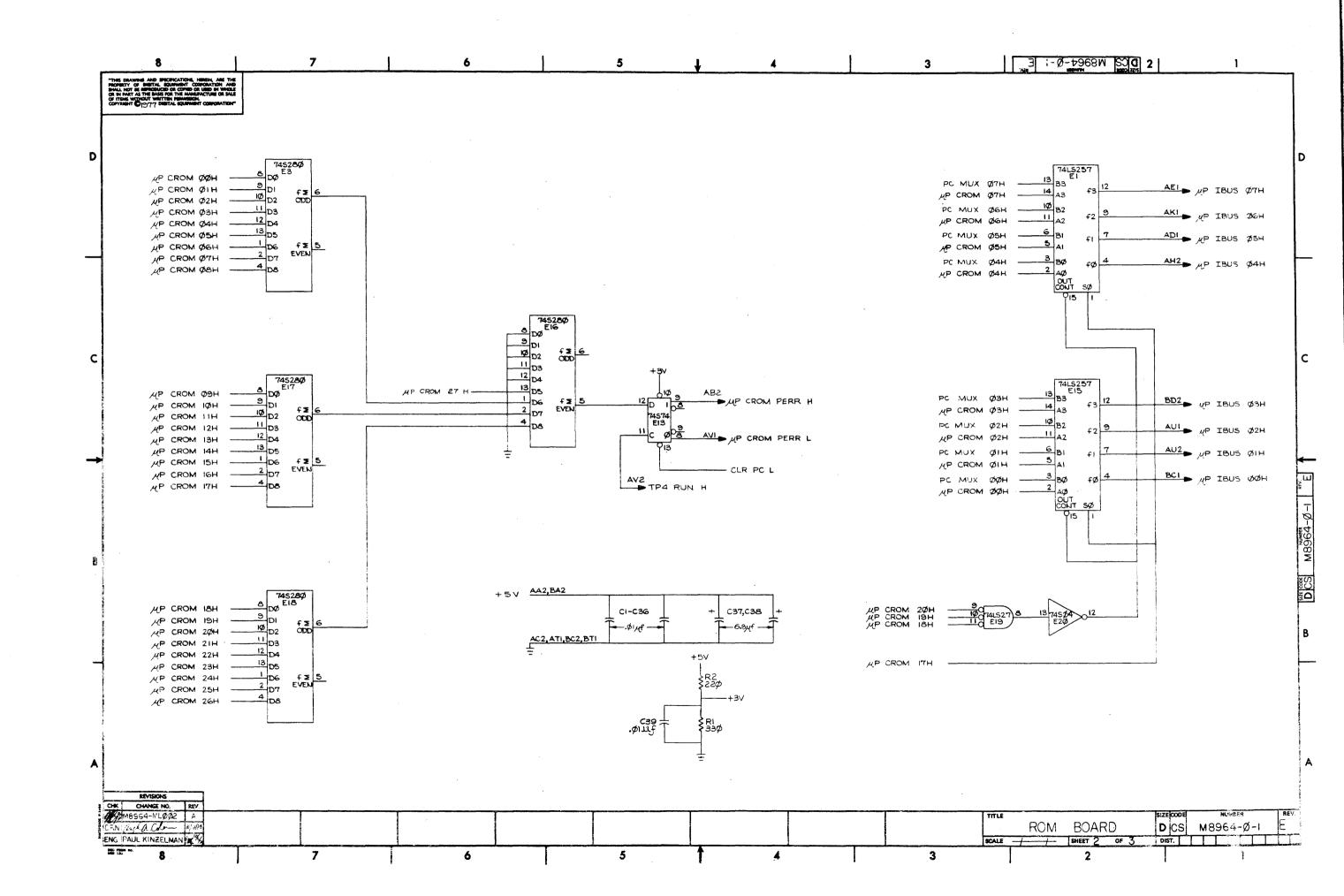




AUTOMATED BY PRILST.2D(16) LINE ITEM DOCUMENT NUMBER	PART NUMBER DE	PARTS LIST ESCRIPTION	QTY PER VARIATIO	SHEET A1 OF A1 N REFERENCE DESIGNATOR
1	CI UN DW DR 5012890-00 M8	IRCUIT SCHEMATIC NIT ASSEMBLY WG. DIRECTORY RILL & ETCH DWG. 8963 01 MFD 50V +80-20% 25U CE 8963 01 MFD 35V 10% S.TAN 1.0 K 25 W 5.0 % CC ANDLE, FLIP CHIP, MAGENTA YELET, ROLL FLANGE 1210DX .21 L\$258 MUX 1 OF 2 (DUAL) L\$258 MUX 1 OF 2 (DUAL) L\$258 MUX 1 OF 2 (DUAL) L\$250 NAND GATE-DUAL TIN L\$251 MUX 8 INPUT, TRI-ST L\$200 NAND GATE-DUAL TRIS 7417 BUFFER GATE, HEX L\$175 FF-D QUAD 7417 BUFFER GATE-HEX 1IN L\$747 FF-D DUAL, EDGE TRIG 7475 LATCH 48IT 74504 INVERTER GATE-HEX 1 L\$277 NOR GATE-TRIPLE 3IN 74574 FF-D DUAL, EDGE TRIG 7472 OR GATE-TRIPLE 3IN 74574 FF-D DUAL, EDGE TRIG 7432 OR GATE-TRIPLE 3IN 74574 FF-D HEX W/CLEAR L\$138 DECODER-THREE INPUT L\$138 DECODER-THREE INPUT L\$300 NAND GATE-SINGLE 8I 93419DC RAM 64X9 28PIN T	REF REF REF REF	
6 6 7 7 8 8 9 9 10 10	5012890-00 M8 1001610-00 .0 1005306-00 1300365-00 9008337-06 HA 9006732-00 EY 1912859-00	01 MFD 50V +80-20% 25U CE 6.8MFD 35V 10% S.TAN 1.0 K .25 W 5.0 % CC ANDLE, FLIP CHIP, MAGENTA YELET, ROLL FLANGE .1210DX .21 .5258 MUX 1 OF 2 (DUAL)	R 34 T 2 - 11 - 2 9 4	C1-C17, C19-C28, C30-C34, C37, C38 C35, C36 R1-R11
12 12 13 13 14 14 15 15 16 16	1912810-00 1912648-00 1912799-00 1912803-00 1912853-00 1909929-00	LS20 NAND GATE-DUAL 4IN LS251 MUX 8 INPUT, TRI-ST LS00 NAND-GATE-QUAD 2IN, 74LS04 INVERTER GATE, HEX LS175 FF-D QUAD	, 1 A 1 P 2 2 2 2	E12 E24 E21, E26 E9, E17 E14, E27 F23, F25
16 19 20 21 20 21 22 22 22	1912824-00 1909050-00 1910534-00 1912864-00 1912813-00	LS74 FF-D DUAL EDGE TRIG 7475 LATCH 4BIT 74504 INVERTER GATE-HEX 1 LS279 LATCH QUAD-S-R LS27 NOR GATE-TRIPLE 3IN	G 1 2 I 1 1	E32, E5 E1, E5 E13 E33 E20
233+56789901123+567899011123+56789904+4+4+4+4+4+4+4+4+4+4+4+4+4+4+4+4+4+4	1910544-00 1911521-00 1911573-00 1912854-00 1912697-00 1912842-00	7432 OR GATE-QUAD ZIN, P 7432 OR GATE-QUAD ZIN, P 745280 PARITY GEN/CHKR, 9BI LS193 COUNTER, SYNCHR, 4BIT LS174 FF-D HEX W/CLEAR LS138 DECODER-THREE INPUT	0 1 1 2 , 2	E2, E6, E11, E7 E12 E24 E21, E26 E27 E23, E25 E33 E5 E33 E28 E30 E28 E30, E31 E30 E31 E4 E4 E4 E4 E4 E4 E4 E5 E6 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7
29 29 30 30 +++++++++++++++++++++++++++++++++	1912815-00 1913663-00	LS30 NAND GATE-SINGLE 8I 93419DC RAM 64X9 28PIN T	N 1 T 1 +++++++++++++++++++++++++++++++++	E19 E4 +++++++++++++++++++++++++++++++++++
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WE 00001	ON.VARIATION INDEX	CHK'D: C. CAMPBELL D	ATE: 17-JUL-78	ICROPROCESSOR BOARD 2
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		RESP.ENG.: N. FINDEAN	ATE: 17-JUL-78 +++	DOCUMENT NUMBER ! REV
[J] [K] [L] [M]		MFG.ENG.: G. DILLARD DE LA SSEMBLY NUMBER: TO-UA-M8963-O-O	ATE: 17-JUL-78 K OP DOCUMENT NUMBER:	PL M8963-0-DBP C FILE NAME: EDIT # Z1472C.PLS 4
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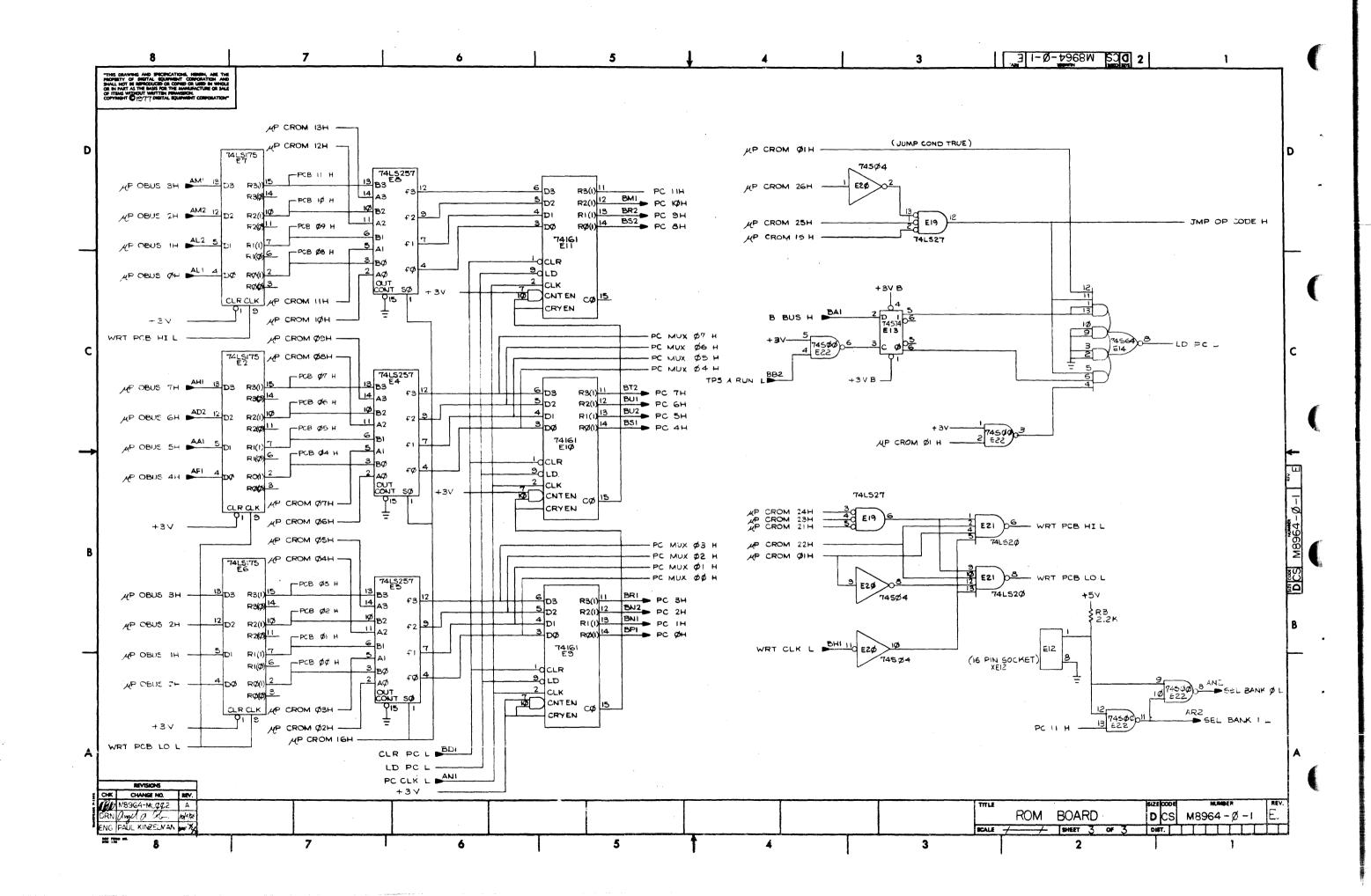






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2	5			1001610-00			OV +80-20% Z5	II CER	37		1-674	. 679		
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Ā	Ā			9008337-06			CHIP. MAGENTA		້	`	,,,,,,			
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. 6	6			1910534-00			NVERTER BATE-		1		20			
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à	à			1910532-00		74800 N	AND GATE-QUAD	21N	i		22			
9	9			1910650-00			OUNTER, SYNCHR	•	3		9-E11			
10	10			1910950-00			F-D DUAL (-45		1		13			
11	11			1912813-00			OR GATE-TRIPL		1		19			
12	12			1910542-00			-9-I GATE 4-2		1		14			
13	13			1911573-00			ARITY GEN/CHK		Ā		3.E16	-F18		
14	14			1912647-00			UX 1 OF 2 (5			E5,E8,E15		
15	15			1912853-00		LS175 F			3		2,E6			
16	16			23000F1-01			M IS NOT USED	***	_				-	
17	17			1211666-00			PIN DIP GOLD		14	3	(E23-X	E36		
18	18			1300271-00			5 W 5.0 %		1	5	2			
19	19			1300295-00			5 W 5.0 Z		1	5	?1			
20	20			1300417-00		2.20 K .2	5 W 5.0 Z	CC	1		₹3			
21	21			1211613-00	/R	EPLACED BY	12-15006-02		1	3	(E12			
22	22			23622F1-00	**	THIS ITE	M I: NOT USED	***	-					
23	23			23623F1-00	**	* THIS ITE	M IS NOT USED	本本本	••					
24	24			23624F1-00	**	* THIS ITE	M IS NOT USED	***	- ,					
25	25			23625F1-00	**	* THIS ITE	M IS NOT USED	***	_ '					
26	26		•	23626F1-00	**	* THIS ITE	H IS NOT USED	本本本	_					
27	27	,		23627F1-00	**	* THIS ITE	M IS NOT USED	***	-					
28	28			23628F1-J0	**	* THIS ITE	M IS NOT USED	**	-					
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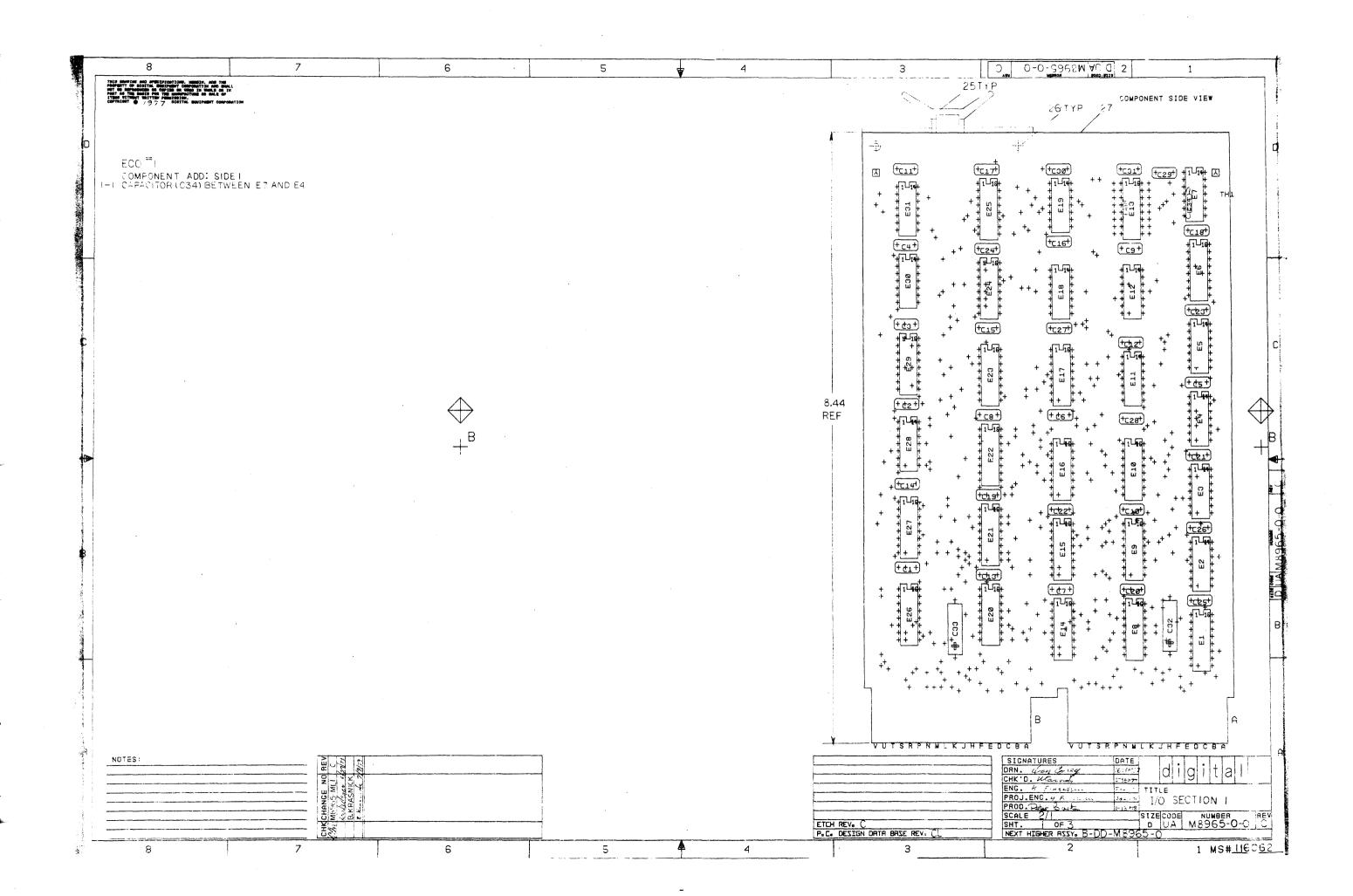
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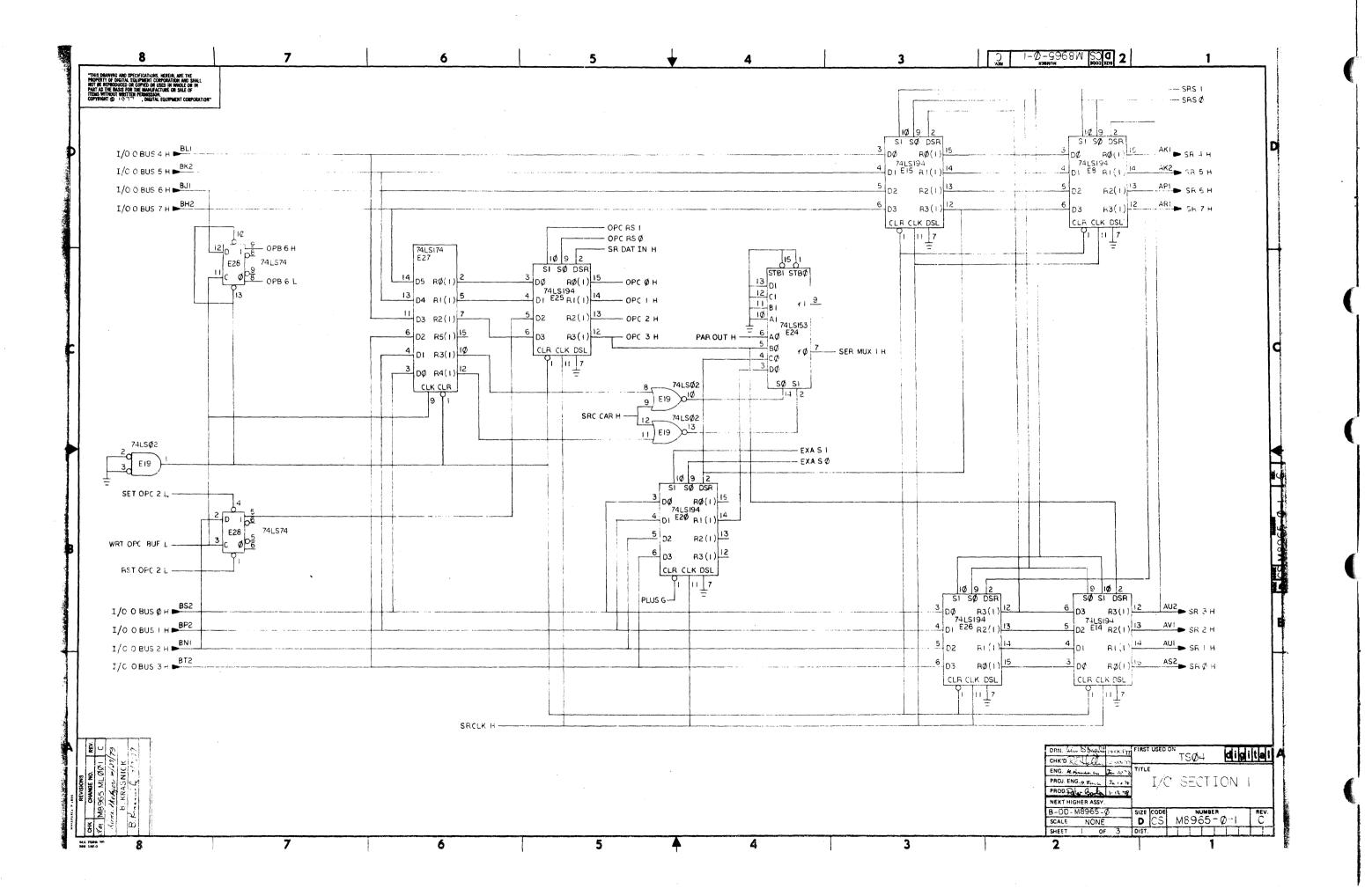
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31	31		23398F1-00	F1-01		1	E30		
32 33	32 33		23399F1-00 23400F1-00	F1-01 F1-01		1 1	E32 E34		
34 35	34 35		23401F1-00 23521F1-00	F1-01 F1-01		1 1	E36 E23	•	
36 37	36 37		23982F1-00 23983F1-00	F1-01 F1-01		1	E25 E27		٠.
38 39	38 39		23984F1-00 23985F1-00	F1-01 F1-01	·	1 1	E29 E31		
40	40 41	•	23986F1-00 23987F1-00	F1-01 F1-01		1	E33 E35		
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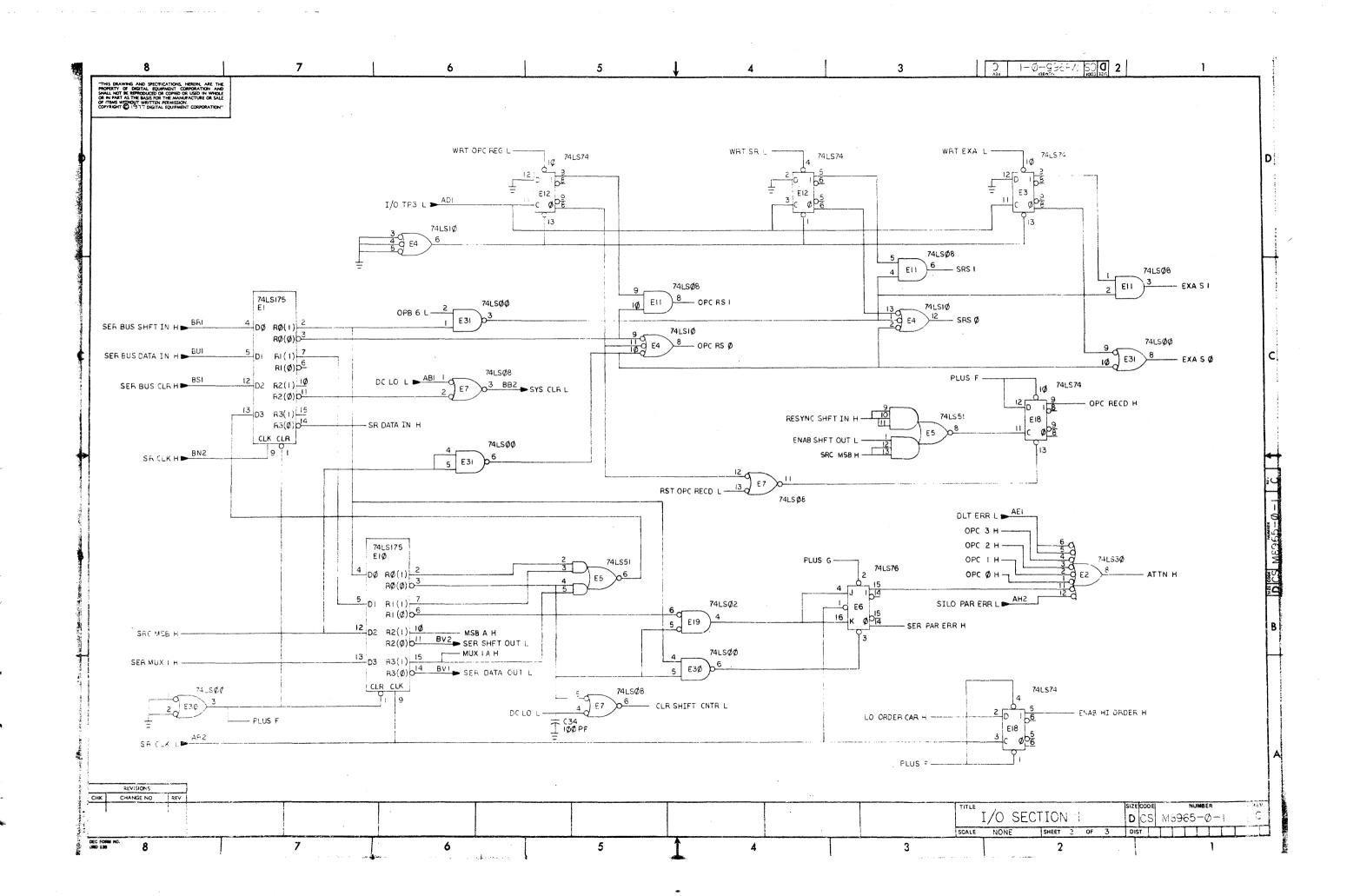
ISECTION A OF A

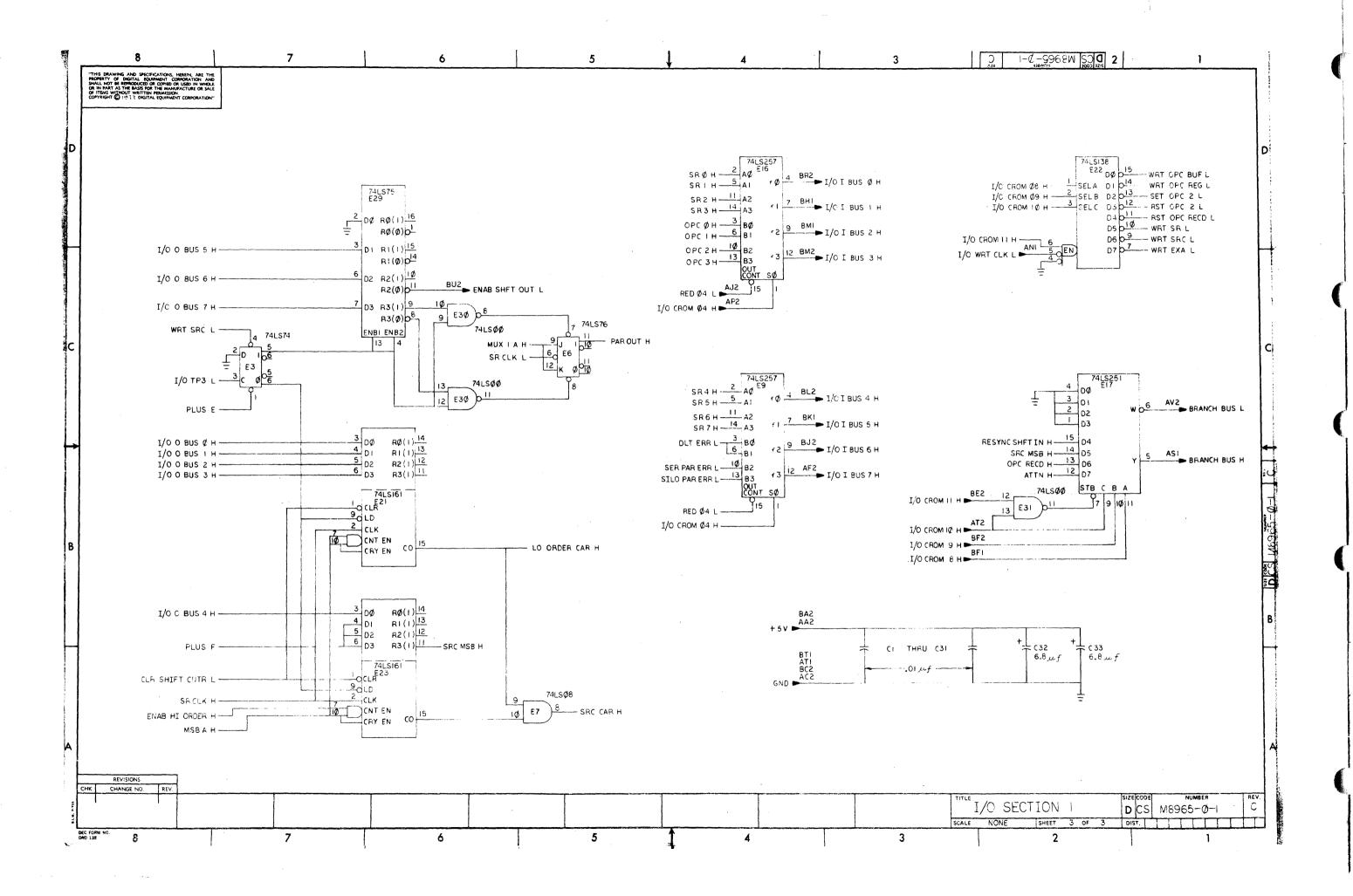
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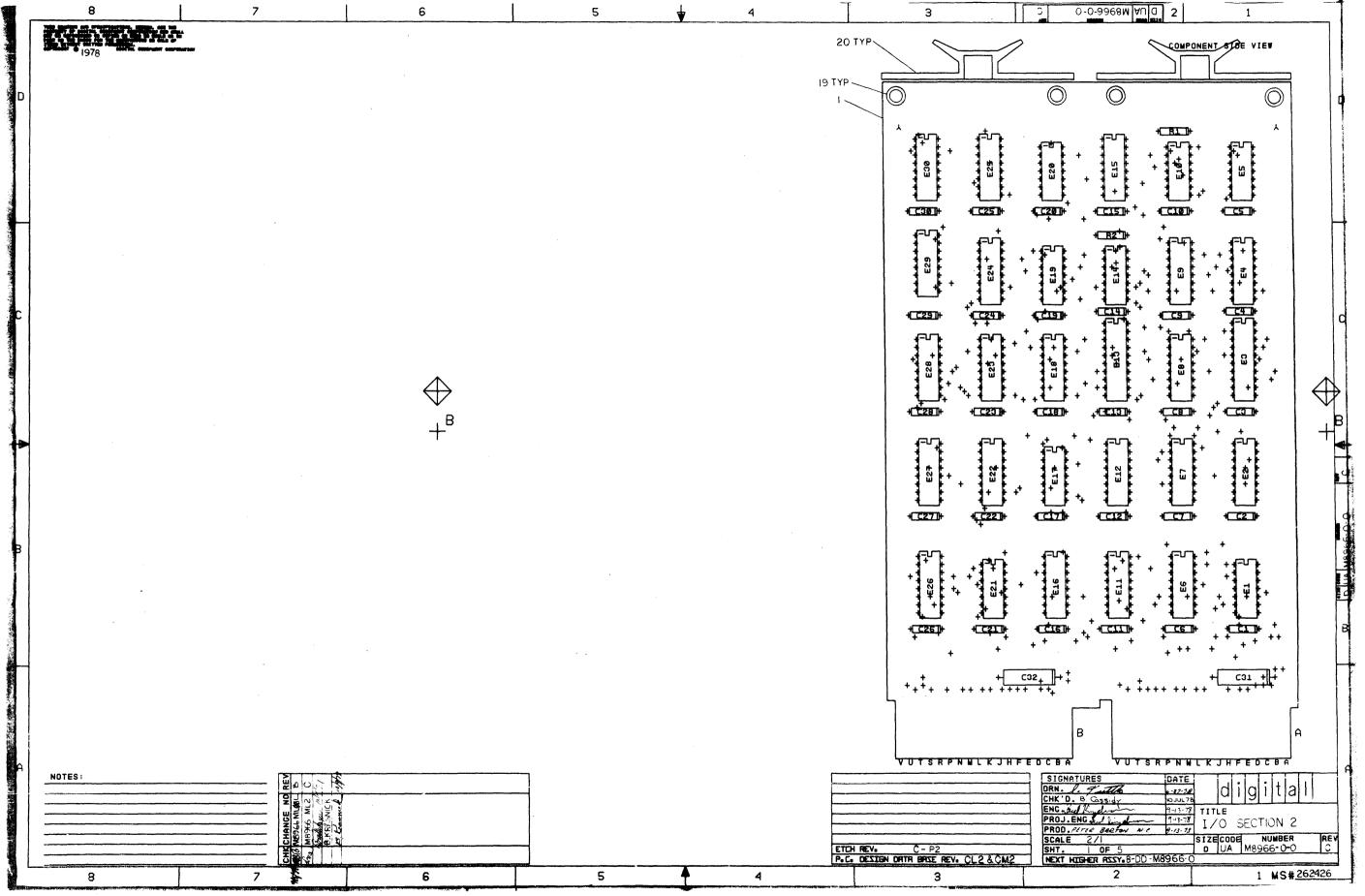


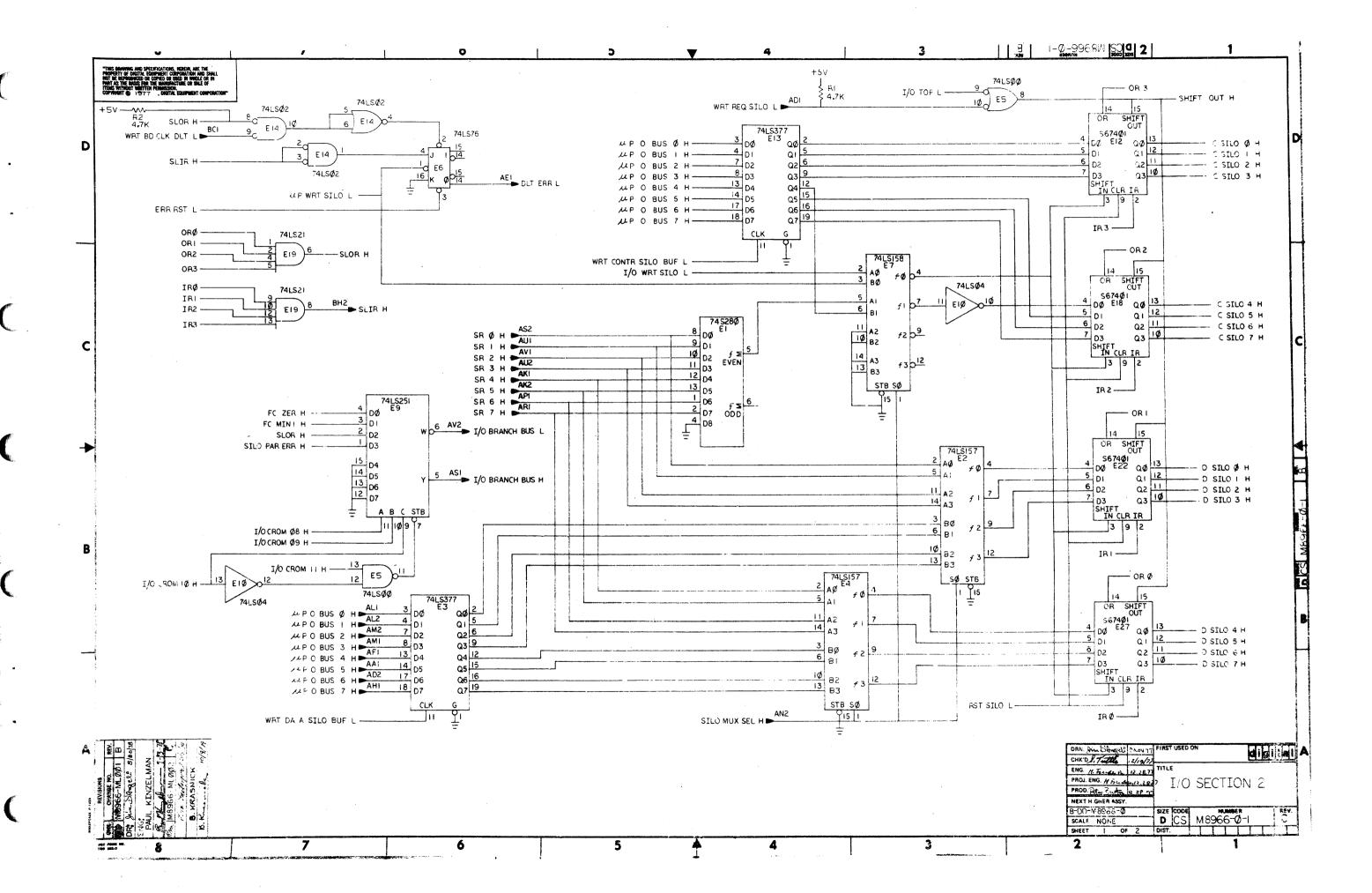


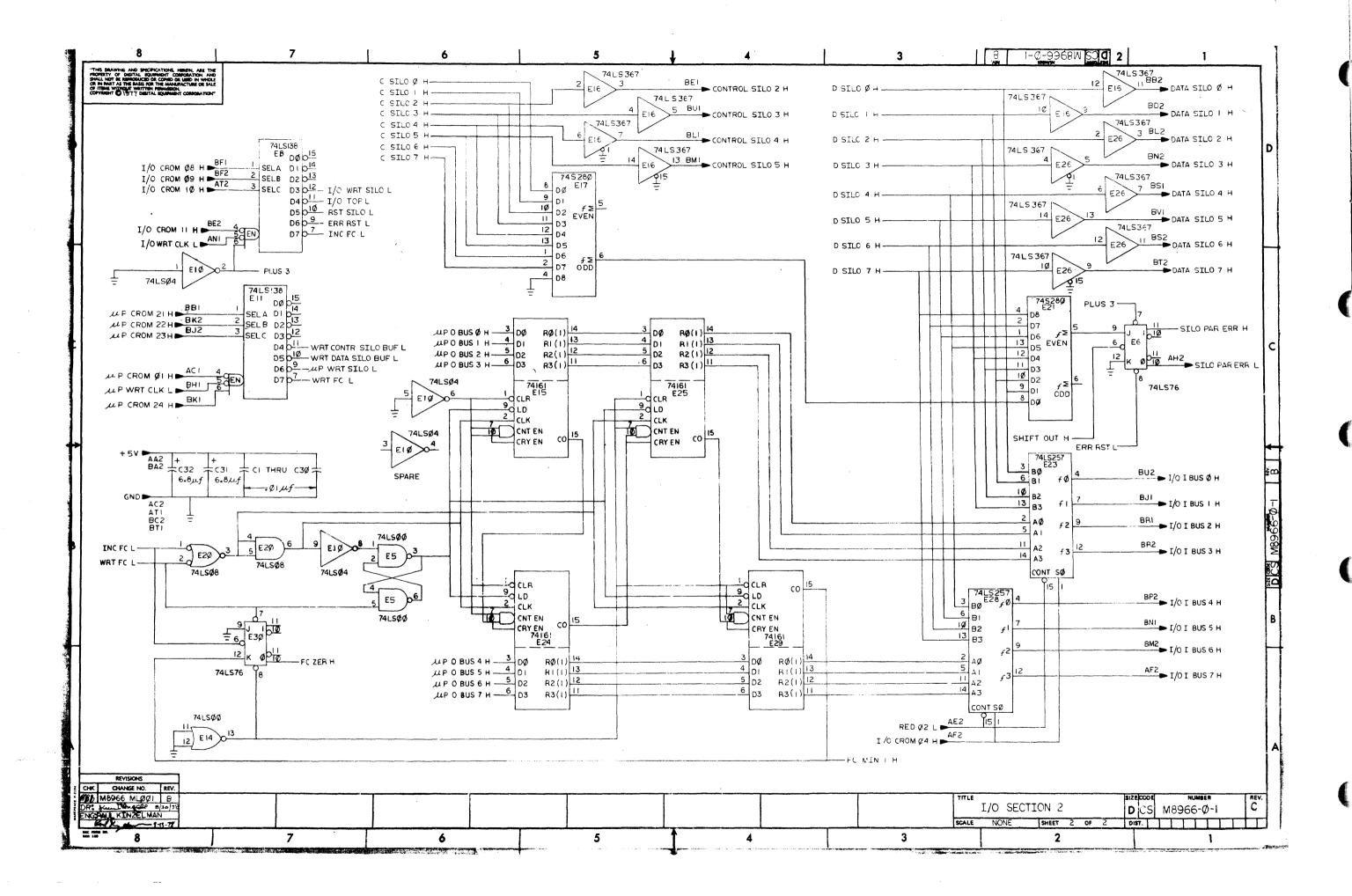


ITOMATED E	BY PRTLST.1C(4) DOCUMENT NUMBER	PART NUMBER	PARTS LIST DESCRIPTION	SHEET A1 OF A: OTY PER VARIATION REFERENCE DESIGNATOR
14881	D-CS-M8965-0-1 D-UA-M8965-0-0 B-DD-M8965-0-0 D-MD-5012885-0-0	}	CIRCUIT SCHEMATIC UNIT ASSY DWG DIRECTORY DRILL & ETCH DWG	REF REF REF REF R 31 C1-C31 T 2 C32.C33 E9.E16
567890123426789012342678		1001610-00 1005306-00 1912647-00 1912648-00 1912649-00	.01 MFD	REF 81
890123429678800103429678		1912696-00 1912697-00 1912799-00 1912801-00 1912805-00	LS194A SHIFT REG.,4811 81- LS174 FF-D HEX W/CLEAR LS00 NAND-GATE-QUAD 2IN, LS02 NOR-GATE-QUAD 2IN, LS08 AND GATE-QUAD 2IN,P	P 2 E30,E31 E19 0 2 E7,E11
15 15 16 16 17 17 18 18		1912807-00 1912815-00	LS10 NAND GATE-TRIPLE 3I LS30 NAND GATE-SINGLE 8I LS51 A-O-I GATE 2-WIDE 2 LS74 FF-D DUAL,EDGE TRIG	N 1 E4 N 1 E2 I 1 E5 G 4 E3,E12,E18,E28
20 20 21 22 22 23		1912824-00 1912825-00 1912842-00 1912845-00 1912849-00 1912853-00	LSI3B DECODER-THREE INPUT LSI53 MUX 1 OF 4 (DUAL) LSI61 COUNTER, SYNCHR, 4BIT LSI75 FF-D QUAD	, Î EZZ EZY EZ1,E23 E1,E10
24 24 25 25 26 26 27 27 28 28	SPARE LOCATION	9008337-06 9006732-00 5012885-00 1000016-00	OI MFD SOV +80-20% 25U CE 6.8MFD 35V 10% S.TAN LS257 MUX 1 OF 2 (QUAD) LS251 MUX 8 INPUT.TRI-ST LS75 LATCH 4BIT.BISTABL LS194A SHIFT REG., 4BIT BILS194A SHIFT REG., 4BIT BILS194A SHIFT REG., 4BIT BILS194A SHIFT REG., 4BIT BILS194 AND GATE-QUAD 2IN, LS02 NOR-GATE-QUAD 2IN, LS08 AND GATE-TRIPLE 3I LS30 NAND GATE-SINGLE BILS30 NAND GATE-SINGLE BILS30 NAND GATE-SINGLE BILS51 A-O-I GATE 2-WIDE 2 LS74 FF-D DUAL, EDGE TRIGLE LS74 FF-D DUAL, EDGE TRIGLE LS75 FF-D QUAD LS153 MUX 1 OF 4 (DUAL) LS153 MUX 1 OF 4 (DUAL) LS153 FF-D QUAD IC SPARE HANDLE, FLIP CHIP, MAGENTA EYELET, ROLL FLANGE .1210DX .21 M8965	9 4 A 1 C34
++++++	-+++++++++++	BASIC PART NO: M89	++++++++++++++++++++++++++++++++++++++	ATE: 07-NOV-77 D I G I T A L
NG! ECC ! INIT .K.ML001		SECTION A OF A SECTION. VARIATION IN [A] 00	1	ATE: 07-NOV-77 I/O SECTION 1
		[B] [C] [D]		DOCUMENT NUMBER
- e der - e de		[Ē] [F] [H] [J]		ATE: 11-JAN-78 +++++++++++++++++++++++++++++++++++
; ; ;		[K] [L] [M] [N]	ASSEMBLY NUMBER: TO-UR-M8965-0-0	ATE: 11-JAN-78 K
++!++++ TH] OR	S DRAWING AND SP COPIED OR USED I	ECIFICATIONS HEREIN.	ARE THE PROPERTY OF DIGITAL FOUT	PMENT CORPORATION AND SHALL NOT BE REPRODUCED R SALE OF ITEMS WITHOUT WRITTEN PERMISSION.

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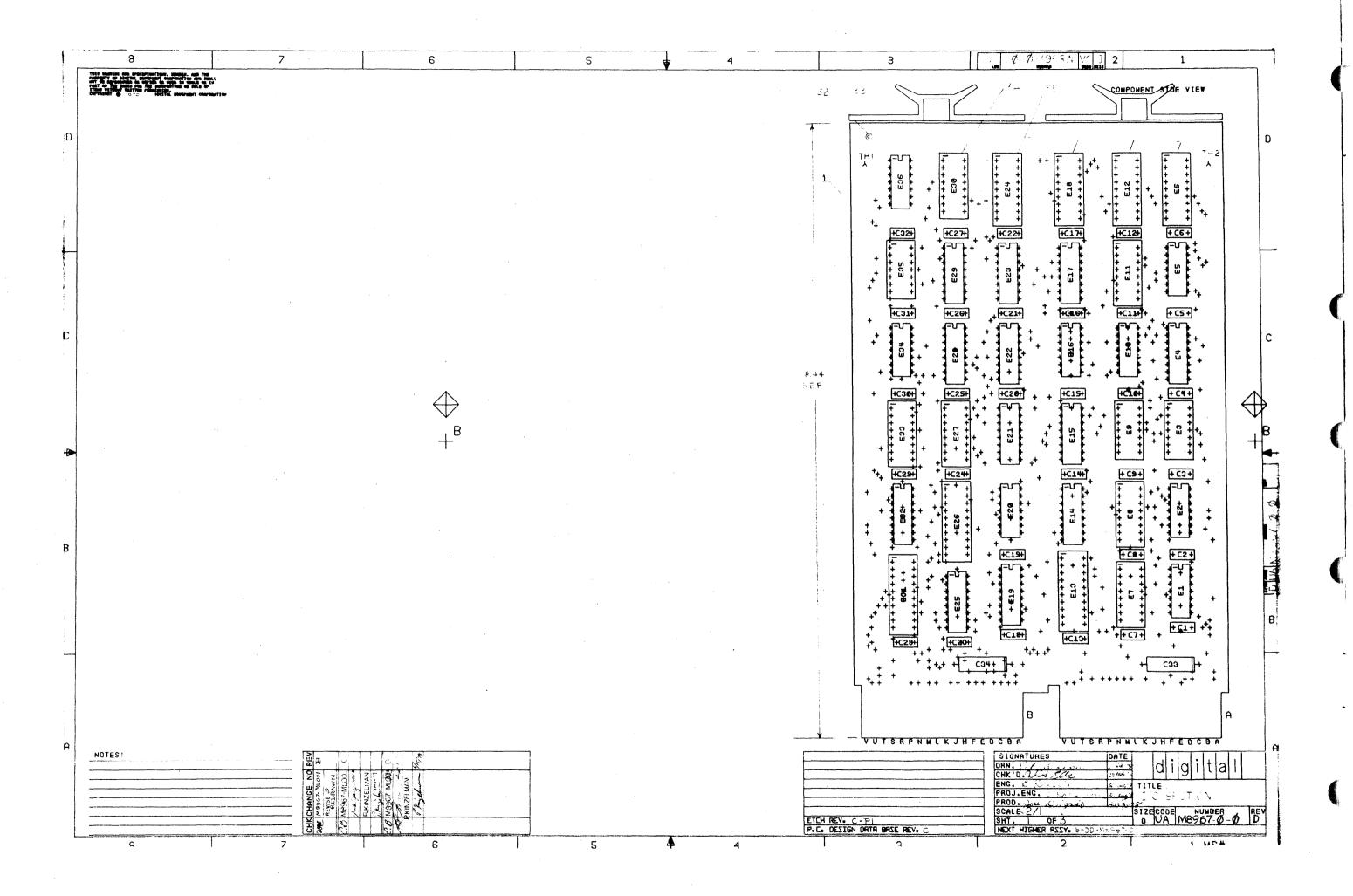






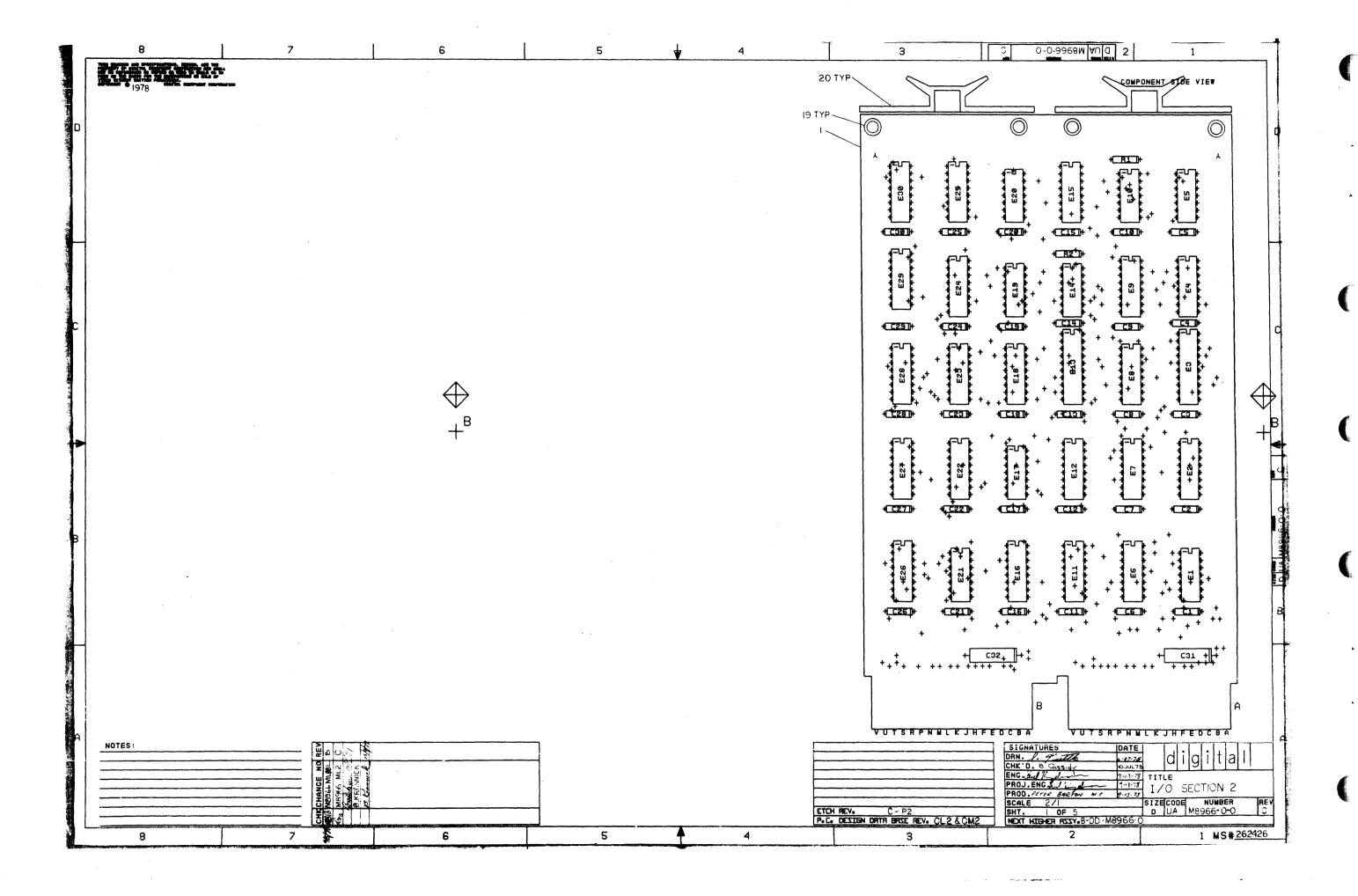
AUTOMATED BY PRTLST.2E(3) LINE ITEM DOCUMENT NUMBER	PART NUMBER	PARTS LIST DESCRIPTION	QTY PER VARIATIO	SHEET A1 OF A1 On Reference designator
123456789012 11123456789012 11123456789012	5012886-00 1001610-00 10015306-00 1910650-00 19126478-00 1912847-00 1912887-00 19128872-00 19128872-00 1912873-00 1912873-00 1912805-00 1912805-00 1912805-00 1912811-00 1912811-00 1912811-00 1912811-00 1912811-00	M8966 .01 MFD 50V +80-20% Z5U CER 6.8MFD 35V 10% S.TANT 74161 COUNTER, SYNCHR. UP LS257 MUX 1 OF 2 (QUAD) LS251 MUX 8 INPUT, TRI-STA LS02 NOR-GATE-QUAD 2IN LS76 FF-JK DUAL W/PRESET LS377 FF-D 8BIT W/ENABLE FIFO, SLOW (67401) 745280 PARITY GEN/CHKR, 9BIT LS00 NAND-GATE-QUAD 2IN, P 74LS04 INVERTER GATE, HEX LS08 AND GATE-QUAD 2IN, P 74LS04 INVERTER GATE, HEX LS08 AND GATE-QUAD 2IN, P 15138 DECODER-THREE INPUT, LS138 DECODER-THREE INPUT, LS158 MUX 1 OF 2 (QUAD) LS21 AND GATE-DUAL 4IN, PO EYELET, ROLL FLANGE .1210DX .219 HANDLE, FLIP CHIP, MAGENTA 4.70 K .25 W 5.0 % CC LS367 DRIVER, BUS, HEX, TRI-	3 -000+00000000000000000-	C1-C3D C31,C32 E15,E24,E25,E29 E23,E28 E9 E14 E6,E13 E12,E13 E12,E13 E12,E17,E21 E10 E20 E8,E11 E7 E10 E20 E8,E11

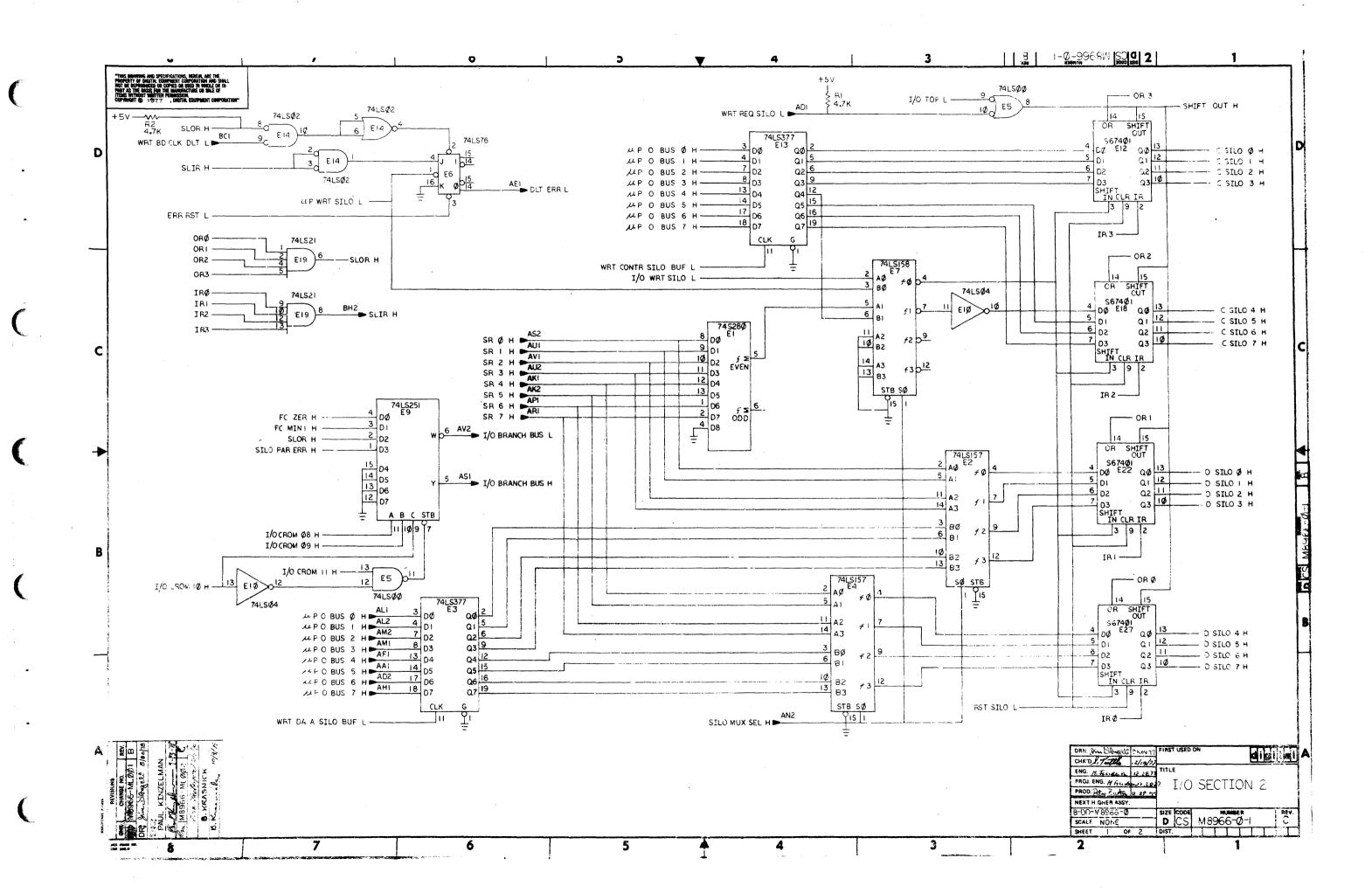
++++ ENG	REVISION HISTORY	++++	BASIC PART NO:	M8966 ++++++	DRN:	H.WEINBRENNER	DATE: 29-AUG-78	D	I G I T	A L
+++ ER	I INIT MLOO1		SECTION. VARIATIO		CHK'D:	W.CASSIDY		TITLE !	PARTS LIST	1
BK	!M8966-ML002	С	! [B] ! [C] ! [D]		DES.ENG:	B.KRASNICK	DATE: 29-AUG-78	+++++++	++++++++++++	++++++
		·	! [E] ! [F] ! [H]	•	RESP.ENG.:	B.KRASNICK	DATE: 29-AUG-78	++++++++	DOCUMENT NUMBER HELLER NUMBER	REV
] 		! [J] ! [K] ! [L]		MFG.ENG.:	+++++++++++++	DATE: 29-AUG-78	! + + + + ! + + + + !	+++++++++++++	C ++++++
	 		! [M] ! [N]		ASSEMBLY NI	-0-0	TOP DOCUMENT NUMI TSO4	BER: +++++++	FILE NAME: ZO950C.PLS	!EDIT #! !
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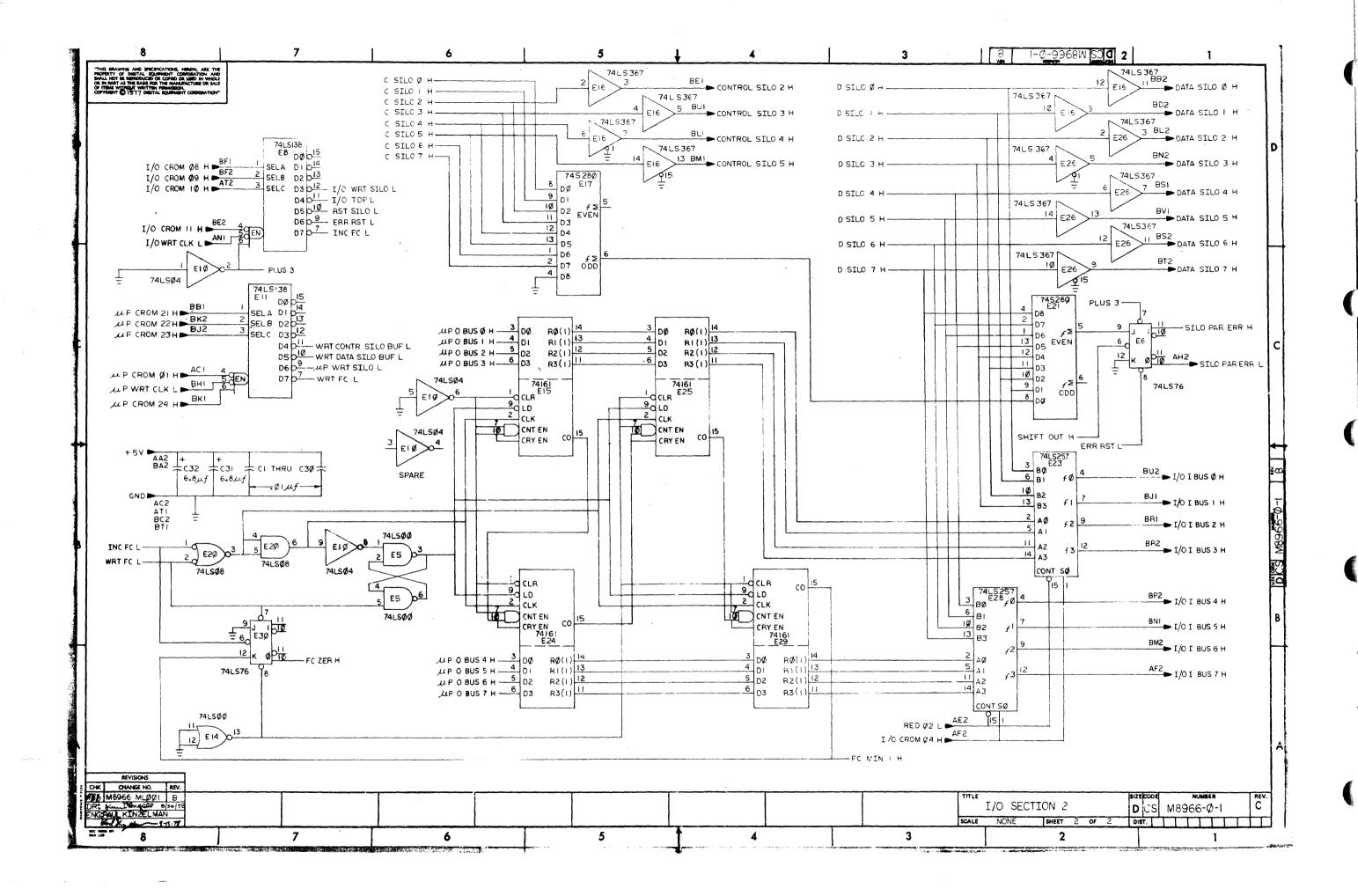


AUTOMATED BY PRTLST.10(4) LINE ITEM DOCUMENT NUMBER	PART NUMBER D	PARTS LIST	SHEET A1 OF A1 QTY PER VARIATION REFERENCE DESIGNATOR
1 2 3 4 5 6 7 8 9 10 112 3 14 5 6 7 8 9 10 1	UDD	IRCUIT SCHEMATIC INIT ASSY WG DIRECTORY PRILL & ETCH DWG O1 MFD 50V +80-20X 25U CER 6.8MFD 35V 10X S.TANT LS257 MUX 1 OF 2 (QUAD) LS251 MUX 8 INPUT, TRI-STA LS75 LATCH 4BIT, BISTABLE LS194A SHIFT REG., 4BIT BI-D LS174 FF-D HEX W/CLEAR LS00 NAND-GATE-QUAD 2IN, P LS00 NAND-GATE-QUAD 2IN, P LS00 NAND GATE-TRIPLE 3IN LS08 AND GATE-TRIPLE 3IN LS08 AND GATE-SINGLE 8IN LS30 NAND GATE-SINGLE 8IN LS30 NAND GATE-TRIPLE 3IN LS30 NAND GATE-TRIPLE 3IN LS30 NAND GATE-TRIPLE 3IN LS30 NAND GATE-TRIPLE 3IN LS30 NAND GATE-SINGLE 8IN LS31 A-O-I GATE 2-WIDE 2I LS74 FF-D DUAL W/PRESET LS138 DECODER-THREE INPUT, LS153 MUX 1 OF 4 (DUAL) LS153 MUX 1 OF 4 (DUAL) LS155 FF-D QUAD C SPARE IANDLE, FLIP CHIP, MAGENTA YELET, ROLL FLANGE .1210DX .219 18965 100.0 MMF 100V 5%200PPM MICA	2 E1,E10 1 E13 2 4 1 1
ENG! ECO NUMBER !REV SE	STC PART NO: MAGES	CHK'D: DON COREY DAT DES.ENG: R.ODON DAT RESP.ENG.: H.FINDEISEN DAT MFG.ENG.: P.BARTON DAT	TITLE PARTS LIST ITE: 07-N0V-77 LITE: 07-N0V-77 LITE: 11-JAN-78 TITLE DOCUMENT NUMBER TE: 11-JAN-78 THE:
"THIS DRAWING AND SPEC OR COPIED OR USED IN	WHOLF OR IN PART AS T	HE BASIS FOR THE MANUFACTURE OR T (C) 1981. DIGITAL EQUIPMENT CO	MENT CORPORATION AND SHALL NOT BE REPRODUCED SALE OF ITEMS WITHOUT WRITTEN PERMISSION.

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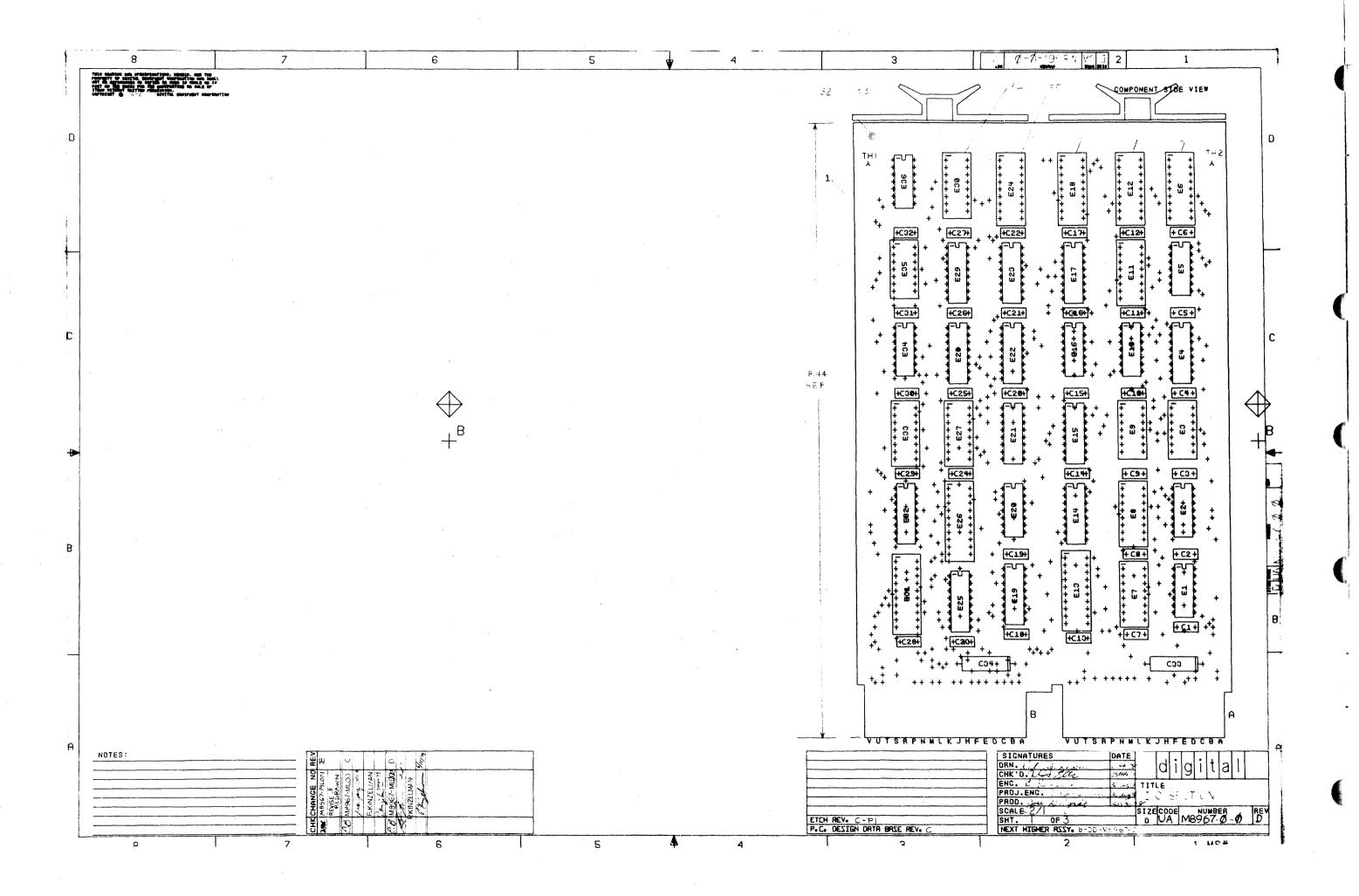


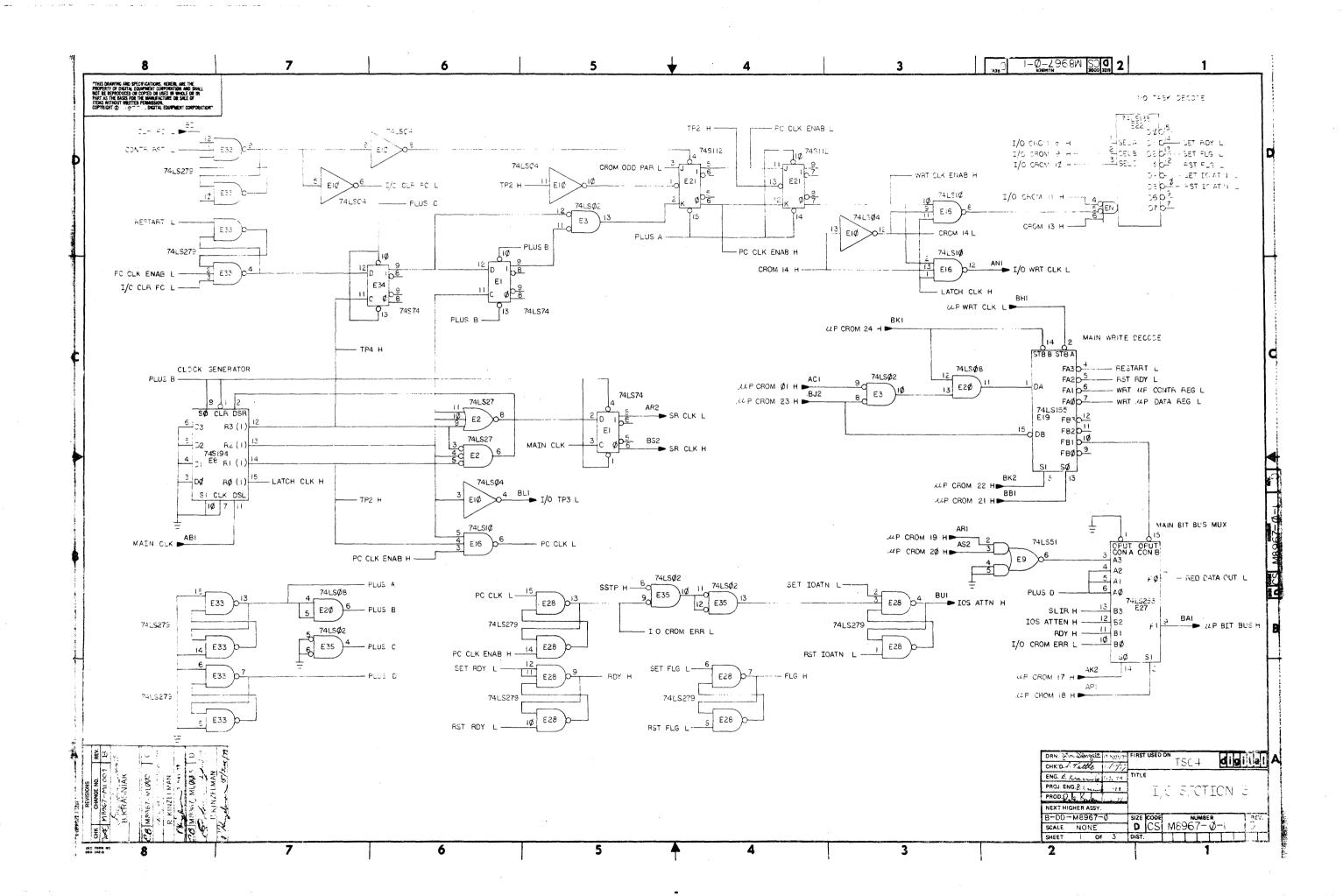




AUTOMATED BY PRTLST.2E(3) LINE ITEM DOCUMENT NUMBER	PART NUMBER	PARTS LIST DESCRIPTION	QTY PER VARIATI	SHEET A1 OF A1 On REFERENCE DESIGNATOR
1237567890123756789012	5012886-00 1001610-00 1005306-00 1910650-00 1912648-00 1912648-00 19128972-00 19128972-00 1912872-00 1912872-00 1912872-00 1912872-00 1912805-00 19128942-00 19128942-00 19128942-00 19128942-00 1912811-00 1912811-00 1912811-00	M8966 .01 MFD 50V +80-20% Z5U CER 6.8MFD 35V 10% S.TANT 74161 COUNTER, SYNCHR. UP LS257 MUX 1 OF 2 (QUAD) LS251 MUX 8 INPUT, TRI-STA LS02 NOR-GATE-QUAD 2IN LS76 FF-D 8BIT W/ENABLE LS377 FF-D 8BIT W/ENABLE S377 FF-D 8BIT W/ENABLE FIFO, SLOW (6701) 745280 PARITY GEN/CHKR, 9BIT LS00 NAND-GATE-QUAD 2IN, P 74LS04 INVERTER GATE, HEX LS08 AND GATE-QUAD 2IN, P 74LS04 INVERTER GATE, HEX LS08 AND GATE-QUAD 2IN, P LS138 DECODER-THREE INPUT, LS158 MUX 1 OF 2 (QUAD) LS21 AND GATE-DUAL 4IN, PO EYELET, ROLL FLANGE .1210DX .219 HANDLE, FLIP CHIP, MAGENTA 4.70 K .25 W 5.0 % CC LS367 DRIVER, BUS, HEX, TRI-	3 100440	C1-C3D C31,C32 E15,E24,E25,E29 E23,E28 E9 E14 E6,E3D E2,E13 E12,E13 E12,E13 E12,E13 E12,E13 E13,E21 E50 E8,E11 E7 E10 E8,E11 E7 E16,E26

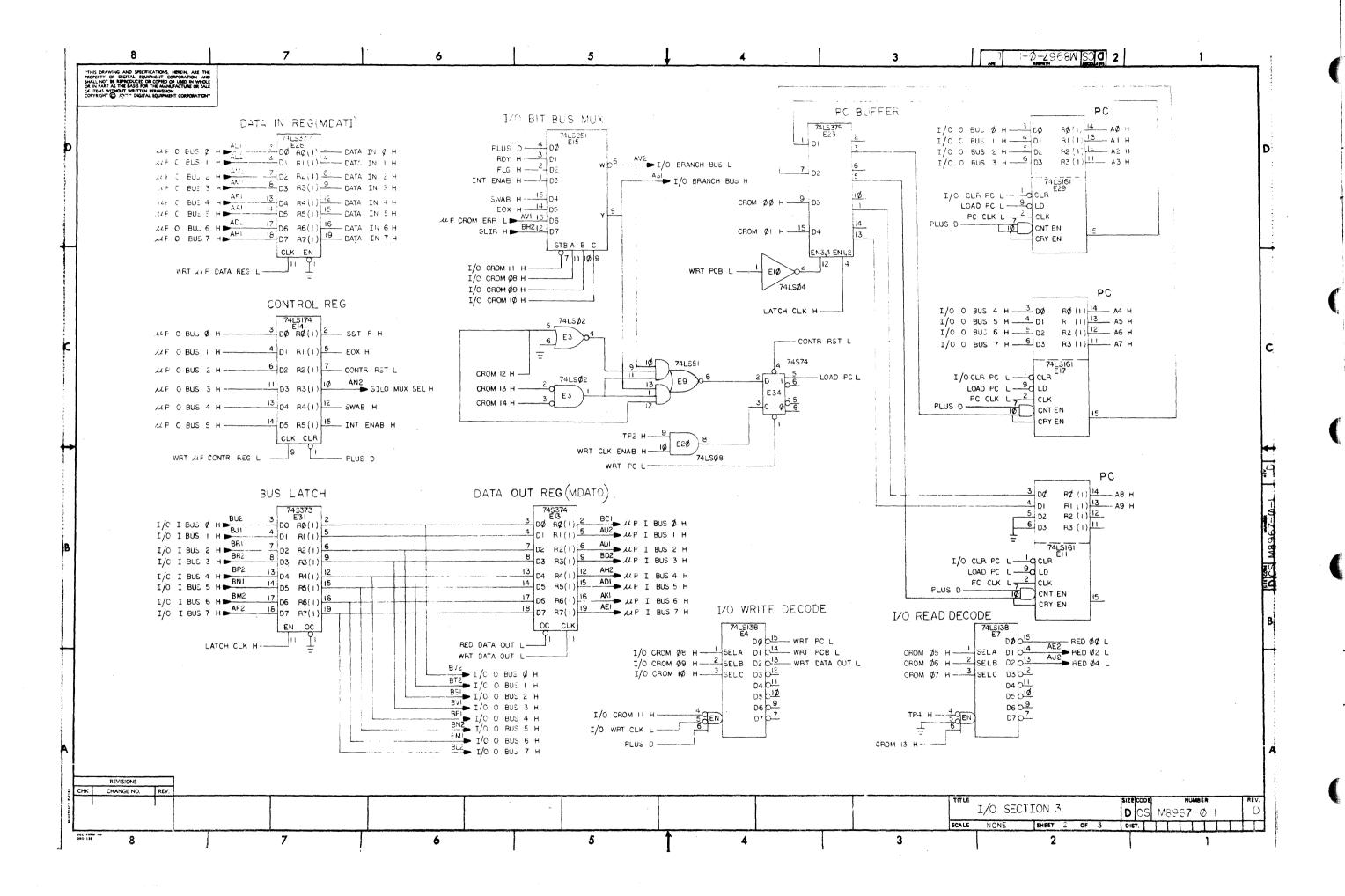
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	ER !ML001 BK !M8966-ML002	C	[į	DES.ENG:		DATE: 29-AUG-78	++++++++	.++++++++++++	+++++
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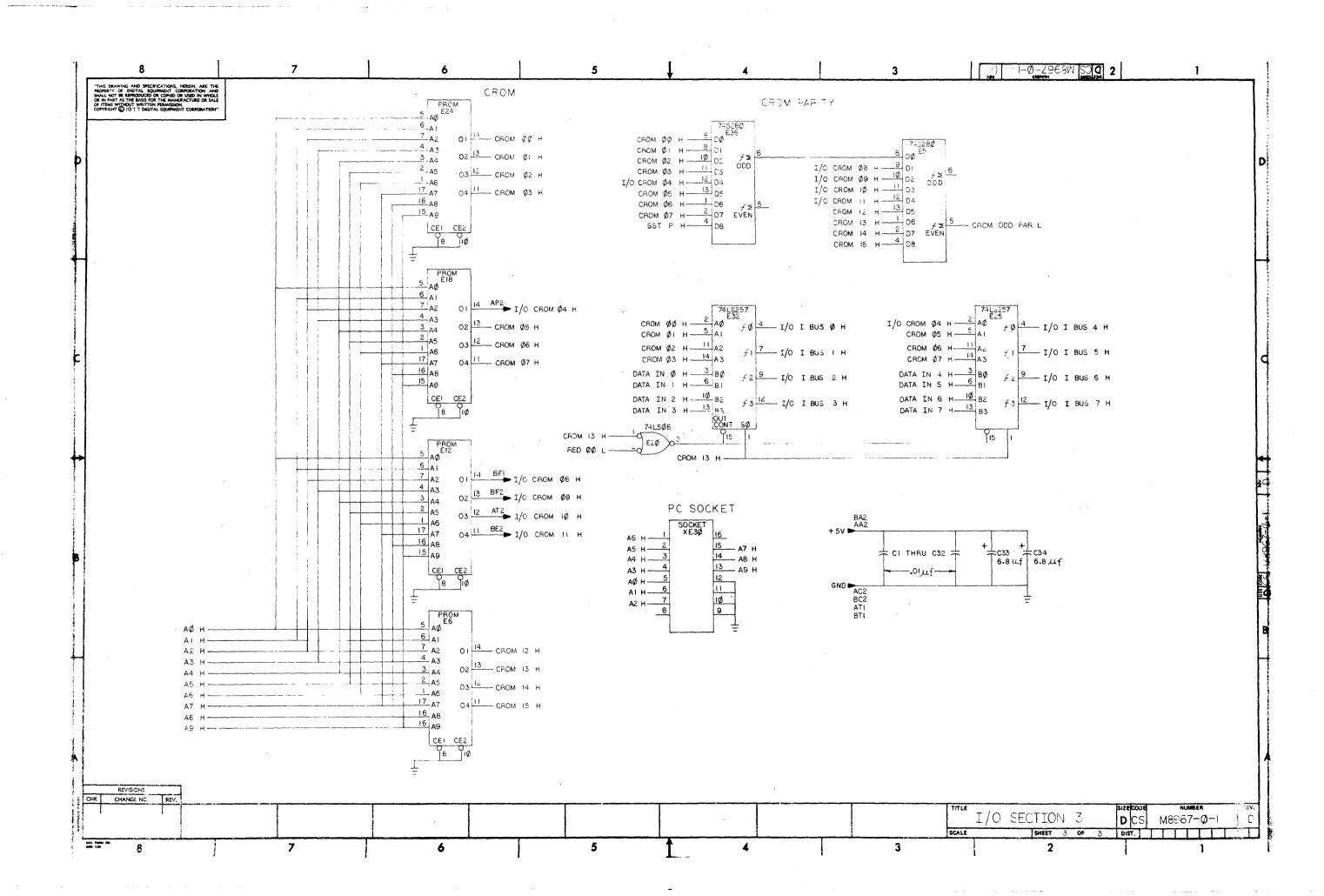




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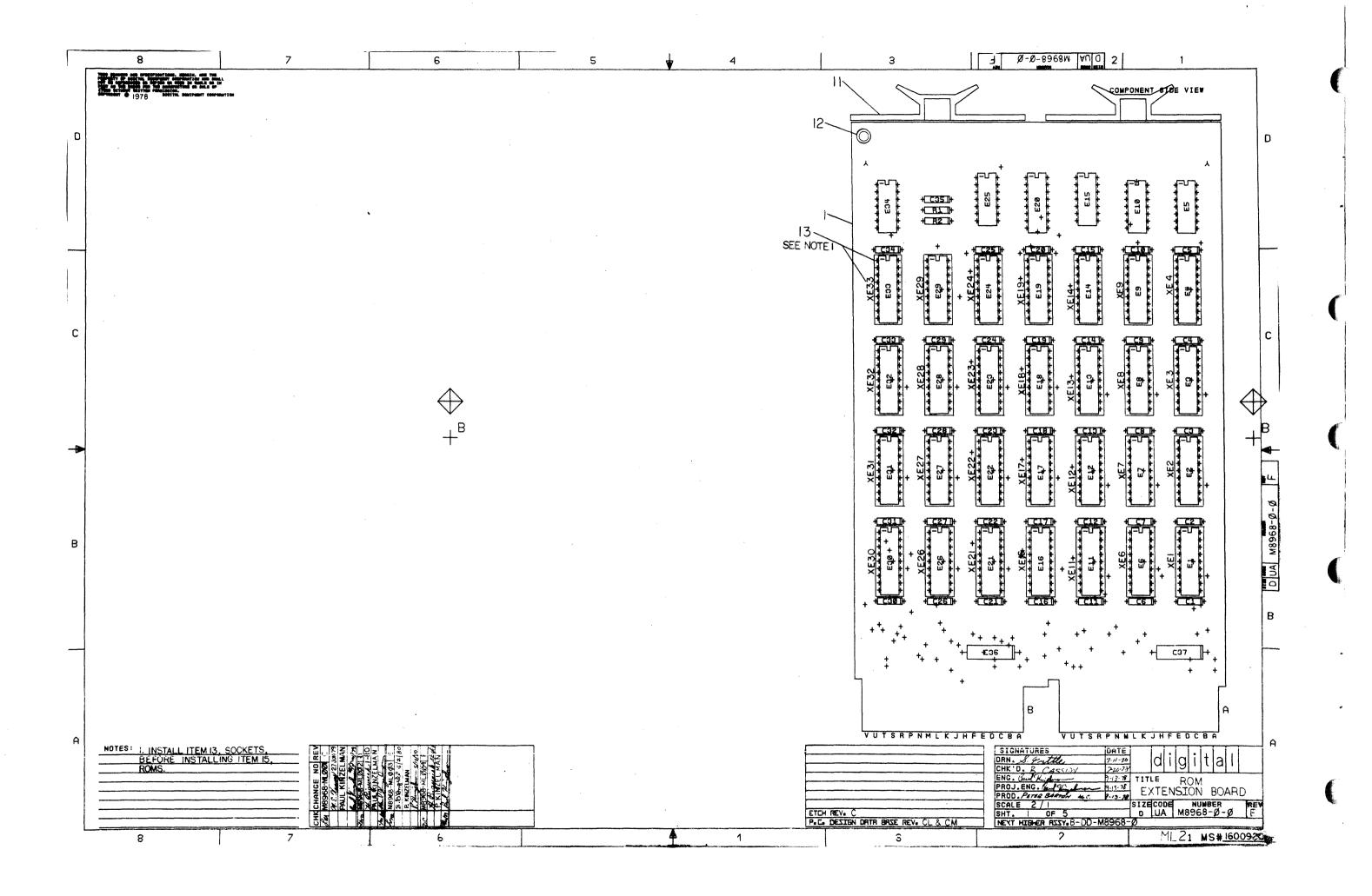
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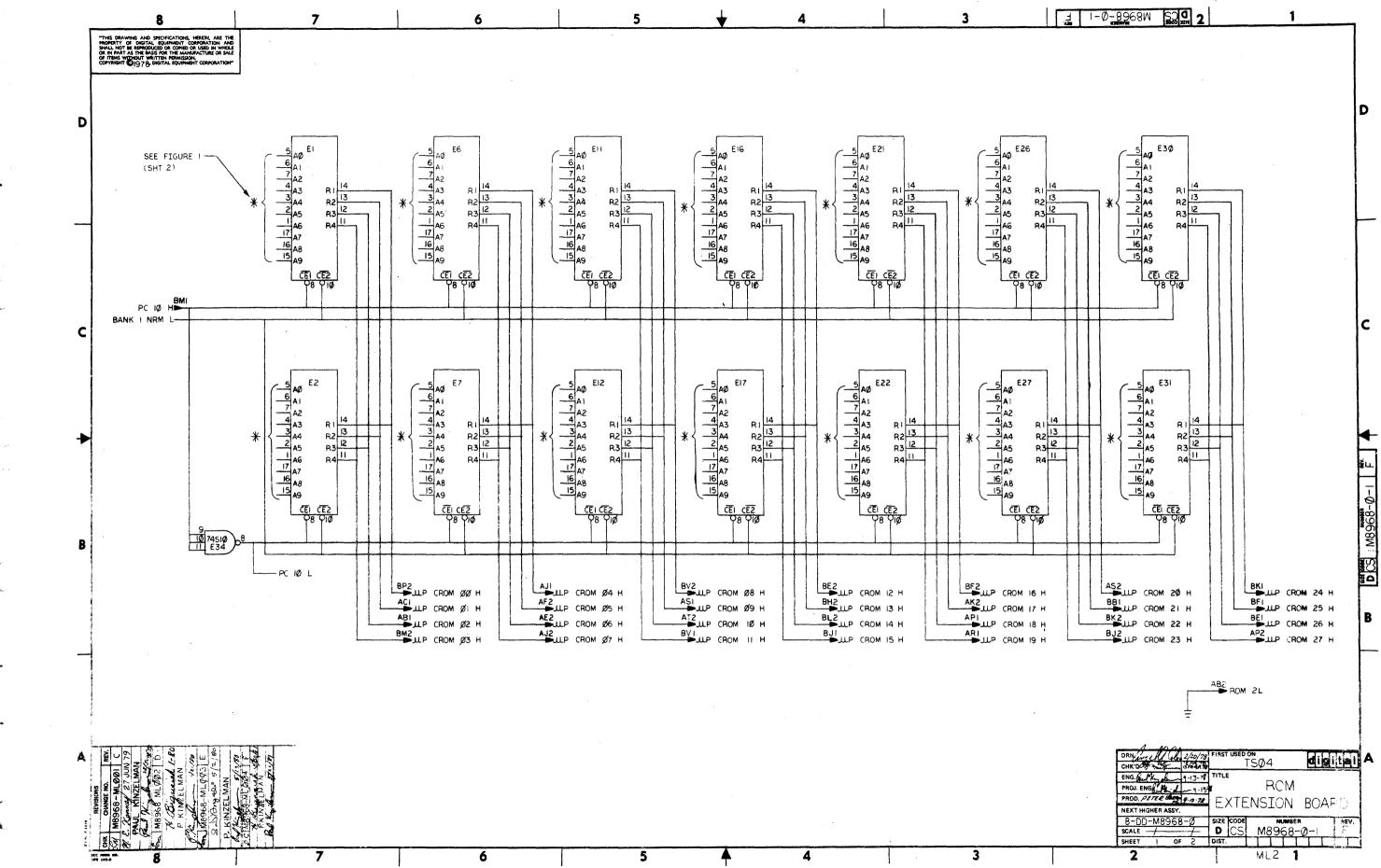
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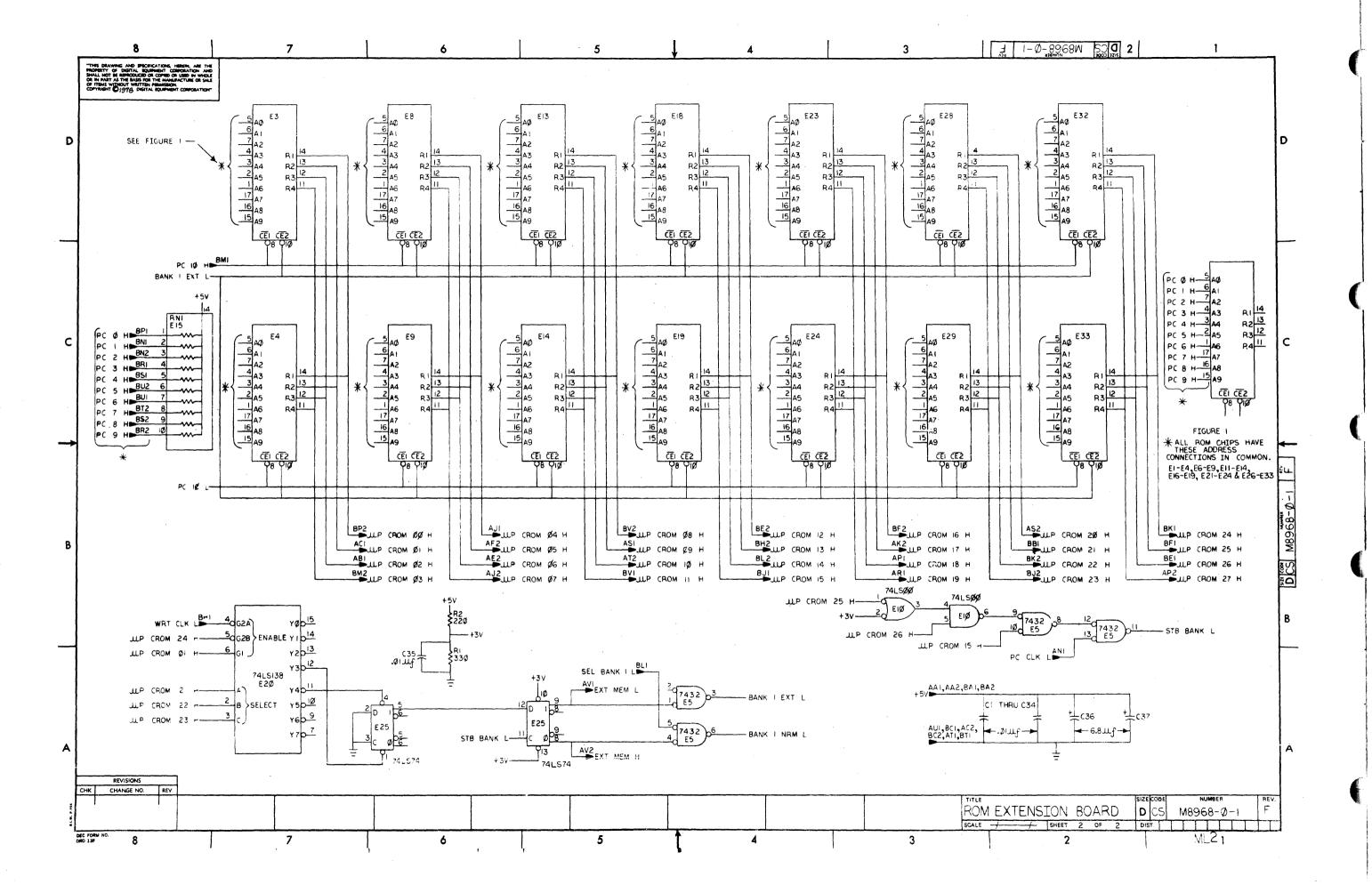
AUTOMATED BY PRILST.2E(3) LINE ITEM DOCUMENT NUMBER PART NUMBER	PARTS LIST DESCRIPTION	SHEET A1 OF A2 QTY PER VARIATION REFERENCE DESIGNATOR
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27 27 1910552-00 28 28 1911573-00 29 29 1913670-00 30 30 1913671-00	745194 SHIFT REG., 4BIT RIGH 745280 PARITY GEN/CHKR, 9BIT 745373 LATCH 8BIT TRASP TR 745374 FF-D OCTAL TRISTATE	1 E8 2 E5,E36 1 E13 1 E13
	HEINBRENNER DAT	TE: 22-AUG-78 DII GII T A L
	HDEX CHK'D: W. CASSIDY DAT	TE: 22-AUG-78
CL	DES.ENG: H. FINDEISEN DAT	######################################
!P.K!M8967-ML003		DOCUMENT NUMBER
		TE: 22-AUG-78 +++++++++++++++++++++++++++++++++++
	MFG.ENG.: E. PINA DAT	TE: 22-AUG-78 K PL M8967-O-DBP D
[L] [M] [N]	!D-UA-M8967-D-O !TSC	P DOCUMENT NUMBER:
"THIS DRAWING AND SPECIFICATIONS HEREIN,	ARE THE PROPERTY OF DIGITAL EQUIPM	MENT CORPORATION AND SHALL NOT BE REPRODUCED SALE OF ITEMS WITHOUT WRITTEN PERMISSION. ORPORATION "
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	ATED BY PRTLST.2E(3) ITEM SOCUMENT NUMBER	PART NUMBER	PARTS LIST DESCRIPTION	QTY PER VARIATION	SHEET A2 OF A2 REFERENCE DESIGNATOR
33334567 333333333333333333333333333333333333	COMPROSE COMPRESSION COMPRESSI	23000F1-01 9006732-00 9008337-06 1211813-02 1211666-00 23476F1-00 23478F1-00 23478F1-00	*** THIS ITEM IS NOT USED *** EYELET, ROLL FLANGE .1210DX .219 HANDLE, FLIP CHIP, MAGENTA SOCKET 16PIN IC LOW PROFILE, SOCKET 18PIN IC LOW PROFILE F1-01 F1-01 F1-01 F1-01	- 4 2 1 1	E30 XE6, XE12, XE18, XE24 E24 E18 E12 E6

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initigitialL! I/O SECTION 3	!SECTION A OF A !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
	! ! K ! PL ! M8967-0-DBP ! D !
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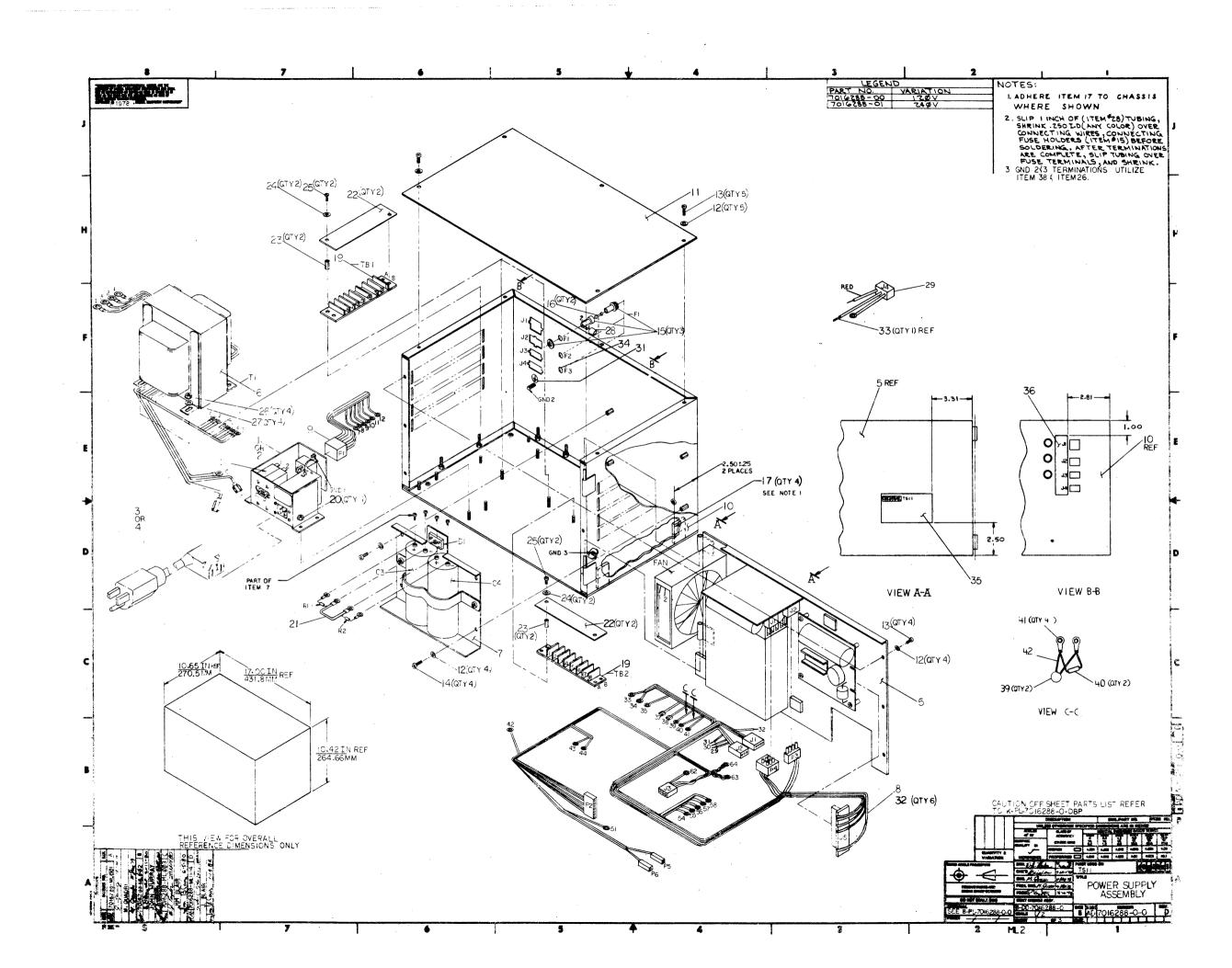




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NE ITEM DOCUMENT	חששבא		N8968		1		
2 3 4		5013277-00 1001610-00 1005306-00 1300271-00 1300295-00 1300005-01	.01 MFD 50V 6.8MFD 35 220.0 .25 330.0 .25 R NETWORK 13-1k 7432 OR LS74 FF- LS00 NAN LS138 DEC HANDLE, FLIP CH EYELET, ROLL FLE SKT, IC 18P1	/ +80-20% Z5U CE SV 10% S.TA N 5.0 % CC	R 35 NT 2	C1-C35 C36,C37 R2	·
5 5 6 7 7 P		1300005-01 1311521-00	R NETWORK 13-1k 7432 OR	GATE-QUAD ZIN,	IN 1 PO 1	C36, C37 R2 R1 E15 E55 E25 E20	
8 8 9 9 10 10		1911521-00 1912824-00 1912799-00 1912842-00 9008337-06 9006732-00 1211666-00	LSOO NAN LS138 DEC	ID-GATE-QUAD 2IN ODER-THREE INPU	P 1	E10 E20	
10 10 11 11 12 12 13 13 SEE NOTE		9006732-00 1211666-00	EYELET, ROLL FLE SKT, IC 18P1	NGE 1210DX .2 N DIP GOLD PLAT	19 4 E 28	XE1-XE4,XE6-XE CONT XE16-XE19,XE21	E9, XE11-XE14, 1-XE24, XE26-XE33
14 14 15 15		1910536-00 23403F1-00 23404F1-00	74510 NAN	ID GATE-TRIPLE 3		E34 E1	
17 17 18 18 19 19		23405F1-00 23406F1-00	F1-01 F1-01 F1-01 F1-01		1 1	Ē11 E16 E21	
20 21 21 22 22 22		23407F1-00 23408F1-00 23409F1-00 23813F1-00	F1-01 F1-01 F1-01		1 1	E30 E36	
14 15 15 16 17 17 18 18 19 20 21 21 22 23 24 25 26 27 28		23658F1-00 23659F1-00 23660F1-00	F1-01 F1-01		1 1	E7 E12 E17	
14 14 15 15 16 16 17 17 18 19 20 21 22 23 24 25 26 27 28 29		23813F1-00 23658F1-00 23659F1-00 23660F1-00 23661F1-00 23662F1-00 23814F1-00 23417F1-00	F1-01 F1-01 F1-01 F1-01 F1-01		1	E6 E11 E116 E216 E226 E7127 E117 E227 E127 E237 E231 E444	
944444444444444 REVISION HISTOR	RY BASI	C PART NO: M89	8 :	HOINTE	DATE: 01-MAR-78	!!!!	I T A L
G! ECO NUMBER	-+ { + + + + + } + + + + +	ION A OF A ION.VARIATION IN	+++!	•+++++++++++	++++++++++++	+!+++++!++!++!++ !TITLE PARTS	-!+++!+++!+++!++ 5 LIST
K:M8968-ML001 (:M8968-ML002 (:M8968-ML003	B SECT C LA D EB) 00]	1	.ODOM +++++++++++++++++++++++++++++++++++	DATE: 01-MAR-78	ROM EXTENSION BE)
(M8968-ML004	[F ! [D ! [E !] [F !] [F !]]	RESP.ENG.: R	! +++++++++++	DATE: 01-MAR-78	DOCUMENT	+++++++++++++
; ; ;	[H [J [K]	MFG.ENG.: P	! +++++++++++	DATE: 01-MAR-78	+!SIZE!CODE! NUMBER ! K ! PL ! M8968-0	REV D-DBP : F
; ; ;	[[[[[]]]	ASSEMBLY NUM	###########! BER:	TOP DOCUMENT NUI	+!++++!++++!++++++	
THIS DRAWING OR COPIED OR	FIFFFFFFFFF	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	ARE THE PROPERTY THE BASIS FOR T GHT (C) 1981. DI	OF DIGITAL EQU HE MANUFACTURE	OR SALE OF ITEMS	+++++++++++!++++++ ION AND SHALL NOT BE S WITHOUT WRITTEN PE	++++++++++!+++++ E REPRODUCED ERMISSION.

AUTOMATED BY PRTLST.1D(10). LINE ITEM DOCUMENT NUMBER	PART NUMBER	PARTS LIS	T QTY PER VARIATION	SHEET A2 On Reference designator	OF A2
30 30 31 31 32 32 33 33 34 35 35 36 37 38 39 39 40 41 41 42	23611F1-00 23419F1-00 23420F1-00 23421F1-00 23422F1-00 23612F1-00 23613F1-00 23424F1-00 23426F1-00 23428F1-00 23429F1-00	F1-01 F1-01 F1-01 F1-01 F1-01 F1-01 F1-01 F1-01 F1-01 F1-01		EE 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

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5/6	8 14 BLACK 50	P2-7	with POINT C	TB2-18	WITH REMARK	S NO AWG 2 14	COLOR POINT BLACK	CONNECTION W	TH POINT CONNE	CTION WITH RE	MARKS C.INPUT SEMBLY					
	8 14 GRVYEL 51 8 18 RED P6 6 18 RED 60	FAN-GND -		TB1-3B	26(38	11 2 1 14 1	BLACK	J1-2 -	=	7 24	EA-7016287-01	WIRING FOR 7016288-01 (ONLY)				
	6 TWP WHITE P5	FAN-2 J3-2 J3-1	63 64 63	TB1-38		2 14 2 14 2 -	BLACK		-	-	(ONLY)					
	8 19 BLACK	J3 -3 P4 -6	62 54	GND-2 TB2-7B	26	2 14	GRNYEL		- GND							
	6 18 BLACK 2 6 18 BLACK 3 8 18 BLACK 6	P4-5 F4-4	55 56 58		HARNESS											
	8 18 BLACK 7 8 18 BLACK 8	J5-14	57 - 36	TB2-4B	POWER SUPPLY ETA-70K29	ю						•				
	8 14 BLUE 33 8 14 BLUE 34	C4-'-*	37 31	03-4 F2-i	28											
	8 14 BLUE 34 8 14 BLACK 25 8 14 ORANGE 38 8 14 BLACK 26	J2-3 D3-3 J2-2.	35 41 39													
	8 14 ORANGE 40 8 14 ELUE 28	C3-"+" J2-4	- 32 - 30	F1-1 F2-2	28 28										4	
	8 14 ORANSE 27 9' 14 BLACK 1 9 14 ELACK 2	PI-1	29 12	FI-2 TBI-2A	28	_										
	9 14 BLACK 3	P1-3	11 10 8	TBI-4A TBI-5A TBI-7A	HARNESS	~										
	9 14 BLACK 5 9 14 BLACK 6	. PI-5	9 7	TBI-6A TBI-8A	D-IA-70163	06										
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2 BOTH 7016283-00 5 7015288-01	19 — — —	- TBI-6A - TBI-8A			30	_										
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	29 18 BLUE	- J4-2 			33 FILTER ASSEMBL											
	2:) 14 REC -				28 C-IA-70162	94										
	20 14 GRNYEL — 6 14 BLACK			TB1-25	26: 38		*									
	6 14 BLACK — 6 14 BLACK — 6 14 BLACK —	— T1-3		TB1-4B TB1-5B TB1-7B					-							
	6 14 BLACK — 6 14 BLACK —	TI-5		TB2-1A TB2-2A	XFORME ASSEMBI											
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	6 14 BLACK — 6 14 BLACK — 6 14 BLACK —	- TI-9 - TI-IO		D3-2 J2-3			•									
	6 14 BLACK —	T1-12		D3 - I TB2-5A							·					
	6 14 BLACK	- T1-13 - J1-1		TB2-7A CBI - 3	A C INPL	T TI										
	4	- J1-2 - J1-3		CBI - 4 CBI - 3	ASSEME	16287-00				•						
WIRING FOR		— J1-4 — J1-7		CBI - 3	12ØV W											
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P2 |J1 | 5 V RECULATOR | (E-UA-H744-Ø-Ø) ∫115V(T1-1) +<1 ← 115v (+1-2) + <2 + L+>2>+--1 r-4>5>1 **└**─₩3} S G - (3 (+ TRANSFORMER ASSY E-IA-7016292-0-0 7>6> 1>4> SPARE SPARE -44 +>5> 5V RTN +>6> AC LØ 1 +>7> +5V +>8> 5V RTN DI VAR 15ØV --6>+--1 -|≺•← +>10> L+K8 (LUF ZZØVAC HTR OJ ----+>11>+-A. C. INPUT ASSY D-AD-7016287--01 (249 V) +5V →12>| -15V DC LO 0 4 0 0 5 0 0 6 0 0 7 0 0 8 0 →e>+ →2>+ →3>+ →5>+ C2 JUF 22ØVAC 22ØVAC D2 VAR 15ØV →6 →7 →8 →9 →9 →9 BLU GRN/YEL PWR LINE MONITOR/15V REG (D-CS-5411086-0-1) --->IO>---+>10>-A.C. INPUT ASSY D-AC-7CL6287-00 020 V L+),/-+>13> -| 115V VF1 +(1 #517P - 115V VF2 - (24) SYSTEM GND + 3 FOS UNRES + 1 1 2 54,58 DC-3 DIODE BRIDGE AC-1 AC-2 C3 IØØKUF 3ØVDC | +>3>| | +>4>| NEG RTH - 434+ NEG UNREG 1441 2 F2 1

SPARE + 54+ 5A,SB SPARE 1 6 ASSEMBLY (TSII) ADT7016288-0-0

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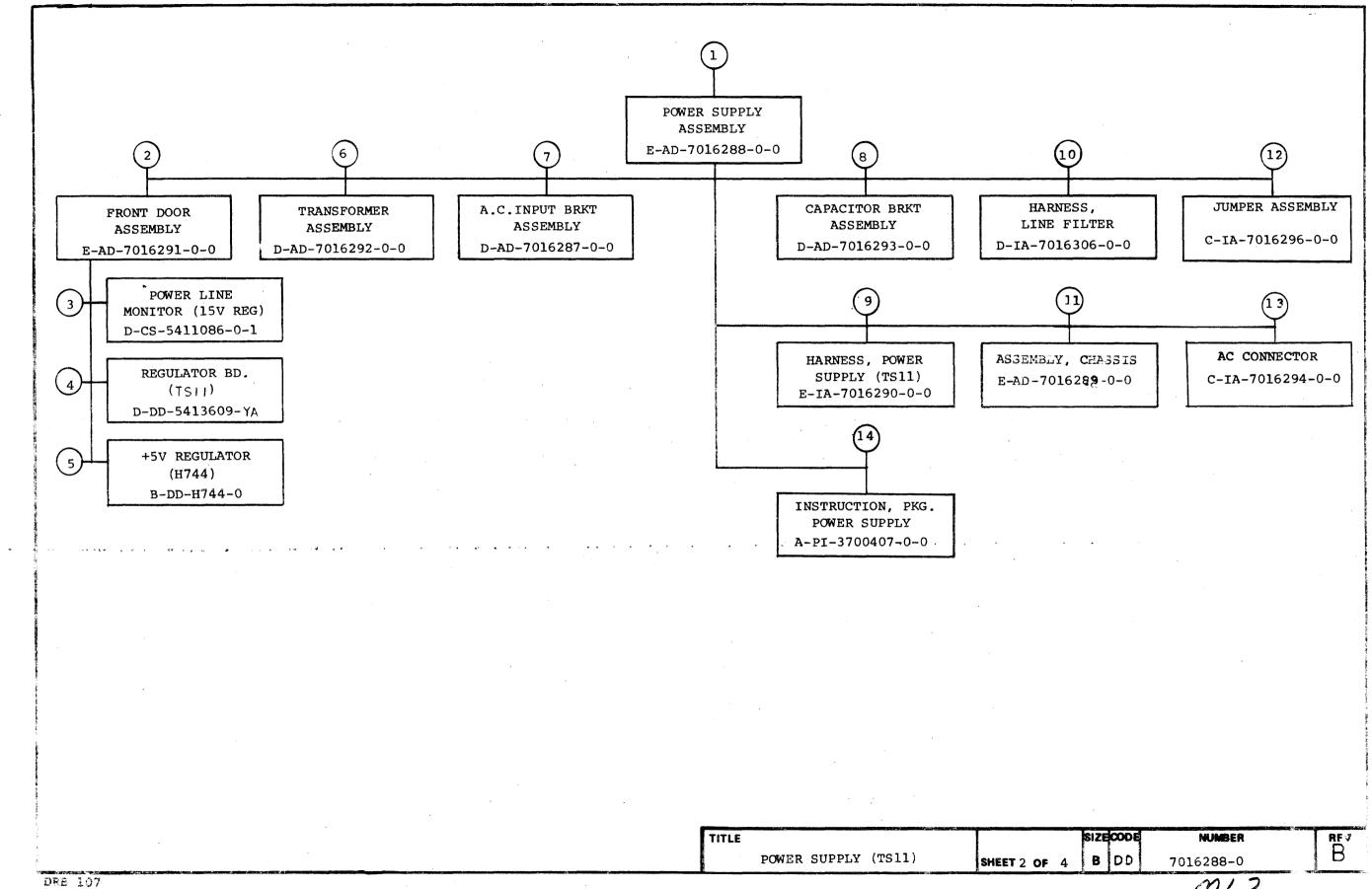
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FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	ON CINI	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MPØØ699	FIELD MAINTENANCE PRINT SET (MP)	REF		5	B-DD-H744-0	+5V REGULATOR (H744)	E/M
	E-AD-7016288-0-0	POWER SUPPLY)TS11)	E/M					
	K-PL-7016288-0-DBP	POWER SUPPLY (TS11)	E/M					
	D-MD-7421771-0-0	COVER, TOP	M					
	B-MD-7422499-0-0	PLEXI COVER	M	↓				
_				4		D-AD-7016292-0-0	TRANSFORMER ASSY	E/1
				上		B-PL-7016292-0-0	TRANSFORMER ASSY	E/1
				$\left\ \cdot \right\ $	-			-
				\prod	7	D-AD-7016287-0-0	A.C. INPUT BRKT ASSEMBLY	E/1
				1		B-PL-7016287-0-0	A.C. INPUT BRKT ASSEMBLY	E/
					- 1	D-IA-7422052-0-0	BRACKET, A.C. INPUT	M
				上				
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2	E-AD-7016291-0-0	FRONT DOOR ASSEMBLY	E/M					
	B-PL-7016291-0-9	FRONT DOOR ASSEMBLY	E/M					
	D-IA-7421772-0-0	DOOR, FRONT	M	J L	8	D-AD-7016293-0-0	CAPACITOR BRKT ASSEMBLY	E/
	C-IA-7421770-0-0	BRACKET, FAN	M	4		B-PL-7016293-0-0	CAPACITOR BRKT ASSEMBLY	E/
				↓		D-IA-7421773-0-0	BRACKET, CAPACITOR	M
				╁		C-IA-7418370-0-0	RETAINER CAPACITOR	M
3	D-CS-5411086-0-1	POWER LINE MONITOR/15V REG	E/M	$\left\ \cdot \right\ $				
	K-CO-5411086-0-4	X-Y COORDINATE HOLE LOCATION	M	11				_
	D-AH-5411086-0-5	ASSY/DRILLING HOLE LAYOUT	M	11	9	E-IA-7016290-0-0	HARNESS, POWER SUPPLY (TS11)	E/
	B-MH-5411086-0-6	MODULE E.C.O. HISTORY	REF			B-PL-7016290-0-0	HARNESS, POWER SUPPLY (TS11)	E/
	5011085	ETCHED CIRCUIT BOARD	M	\Box				
	A-SP-11/45-TA-2	MODULE TEST PROCEDURE	REF					
	A-SP-5411086-0-3	ENG. SPEC-AND TEST PROC.	REF	'↓				
	7413721-0-0	.010 INCH SHIM	M	-		=016006 0 0		-
				┧┟┹		D-IA-7016206-0-0	HARNESS, LINE FILTER	E/
				北		B-PL-7016306-0-0	HARNESS, LINE FILTER	E/
4	B-DD-5413609-YA	REGULATOR BD. (TSII)	E/M	止	_			
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				壯				
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1	E-AD-7016289-3-3	ASSEMBLE, CHASSIS	M				
	E-IA-7422049-0-0	CHASSIS	M				
	D-IA-7422050-0-0	PLATE, BOTTOM	M				
	C-IA-7016296-0-0	JUMPER ASSEMBLY	E/M				
<u>-</u>	B-PL-7016296-0-0	JUMPER ASSEMBLY	E/M				
		·					
3	C-IA-7016294-0-0	AC CONNECTOR ASSY	E/M			·	
	B-PL-7016294-0-0	AC CONNECTOR ASSY	E/M E/M				
	3 DT 3700407 0 0	THOMPHOMEON DAG DOWND GUDDLY	77 /W				
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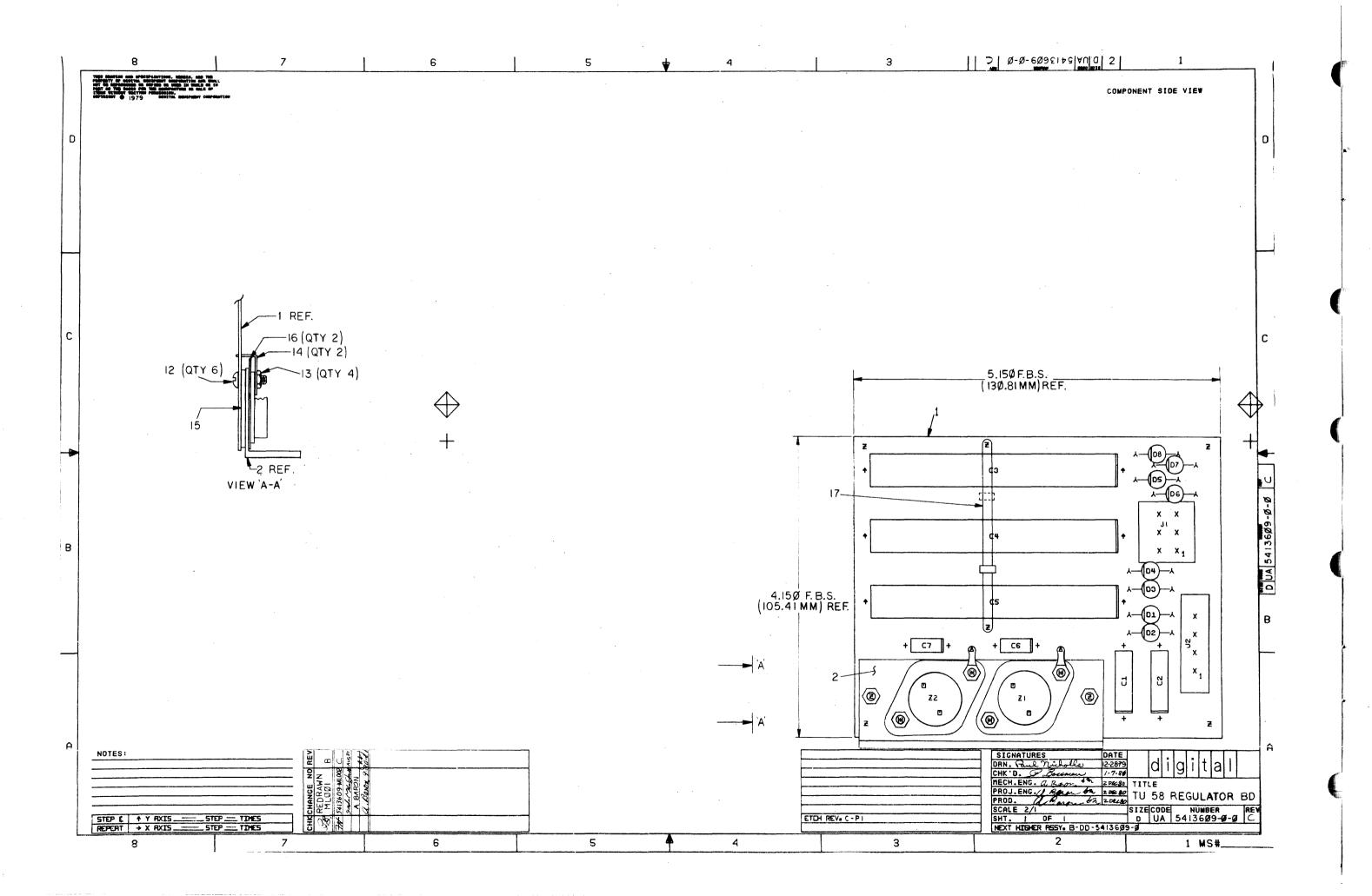
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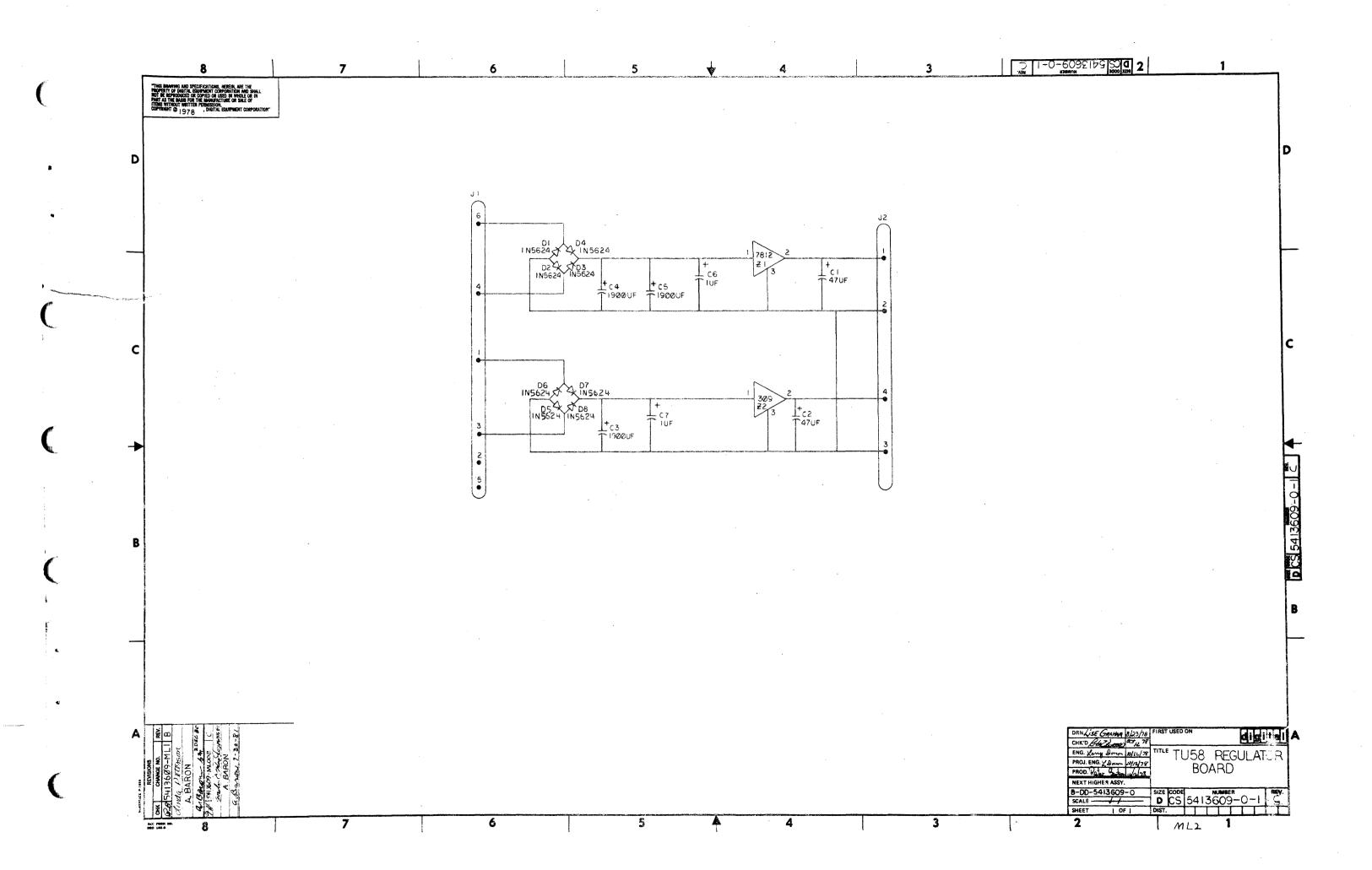
[C] RESP.ENG.: M. QUADRI HOUSE THE PROPERTY OF DIGITAL FOULPMENT CORPORATION AND SHALL NOT BE REPRODUCED.	AUTOMATED BY PRTLST.3P(44)	PART NUMBER	PARTS LIST DESCRIPTION	SHEET A1 OF A2 QUANTITY PER VARIATION OO O1
REVISION HISTORY BASIC PART NO: 7016288 DRN: W.J.MAHER DATE: 28-AUG-78 DI G I T A L TITLE PARTS LIST TOTAL CONTROL OF A DOCUMENT NUMBER REV RESP.ENG.: M. QUADRI DATE: 10-NOV-78 [D] MFG.ENG.: P.BARTON DATE: 10 NOV 78 K PL 7016288-0-DBP D ASSEMBLY NUMBER: E-AD-7016288-0-D TOP DOCUMENT NUMBER: FILE NAME: EDIT # ASSEMBLY NUMBER: E-AD-7016288-0-D TOP DOCUMENT NUMBER: FILE NAME: EDIT # ASSEMBLY NUMBER: E-AD-7016288-0-D	1 D-AD-7016287-0-0 2 D-AD-7016287-0-0 3 3 A-PS-1700083-0-0 4 4 A-PS-1700083-0-0 5 E-AD-7016291-0-0 6 E-IA-7016292-0-0 7 D-AD-7016293-0-0	7016287-00 7016287-01 1700083-00 1700083-17 7016291-00 7016292-00 7016293-00	A.C.IPUT ASSY 120V A.C.IPUT ASSY 240V PWR CORD, TERM. 75IN, 14-3, 125V 15 PWR CORD, TERM. 75IN, 16-3, 250V 6 FRONT DOOR ASSY TRANSFORMER PSSY CAPACITOR BRKT. ASSY	
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REVISION HISTORY BASIC PART NO: 7016288 DRN: W.J.MAHER DATE: 28-AUG-78 DRY: DATE: 28-AUG-78 DRY: DATE: 28-AUG-78 DOI I G I T A L TITLE PARTS LIST DOCUMENT NUMBER POWER SUPPLY ASSEMBLY DOCUMENT NUMBER RESP.ENG.: M. QUADRI DOCUMENT NUMBER RESP.ENG.: M. QUADRI DOCUMENT NUMBER RESP.ENG.: P.BARTON DATE: 10-NOV-78 SIZE: CODE: NUMBER RESP.ENG.: P.BARTON DATE: 10-NOV-78 THE PROPERTY OF DIGITAL FOULTMENT CORPORATION AND SHALL NOT BE REPRODUCED	22 22 B-MD-7422499-0-0 23 23 24 24 24 25 25 26 26 27 27 28 28	/ 422433-00	PLEAT-COVER	4/R. 4/R. 4/R. 4/R. 4/R. 4/R. 4/R. 4/R.
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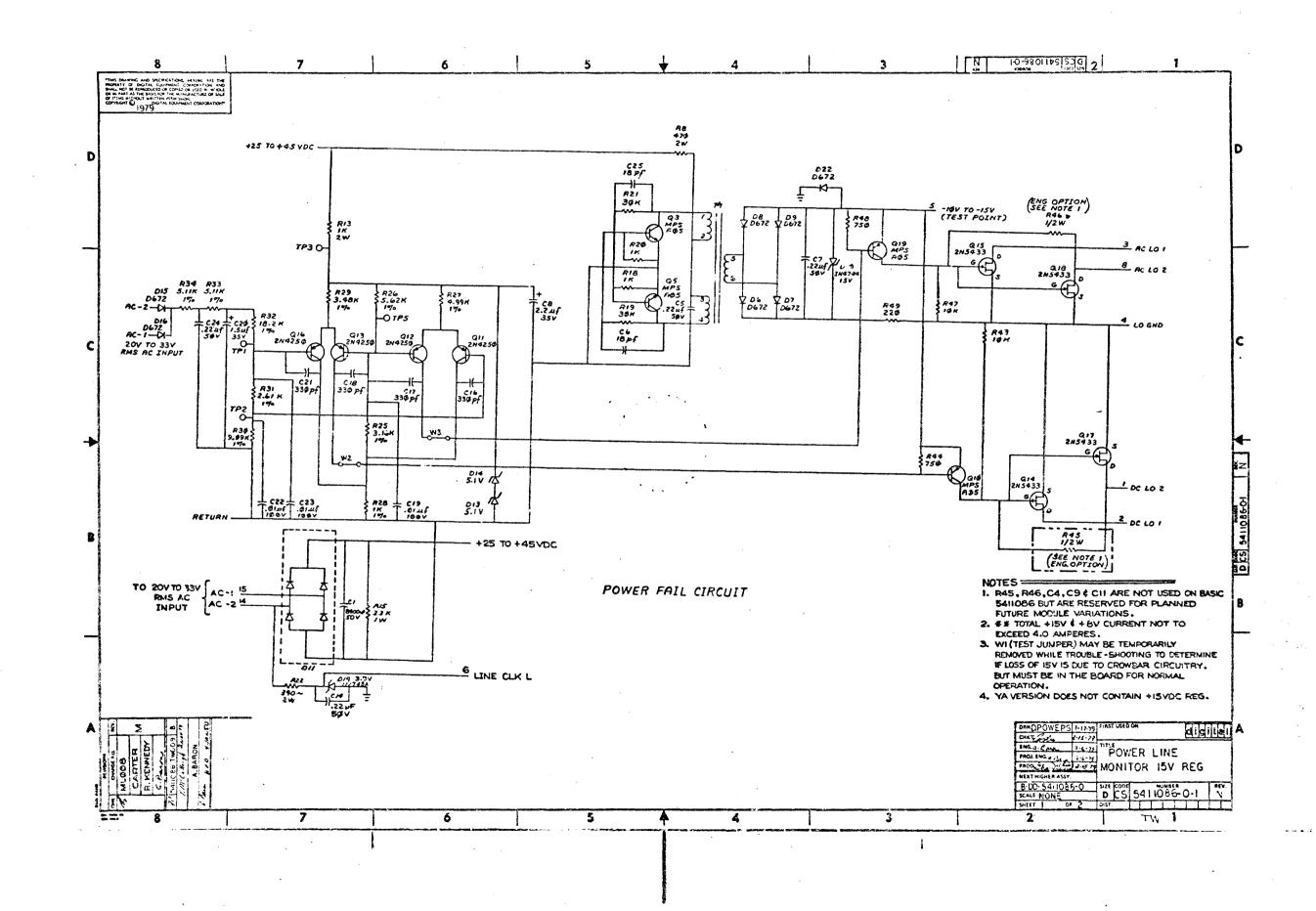
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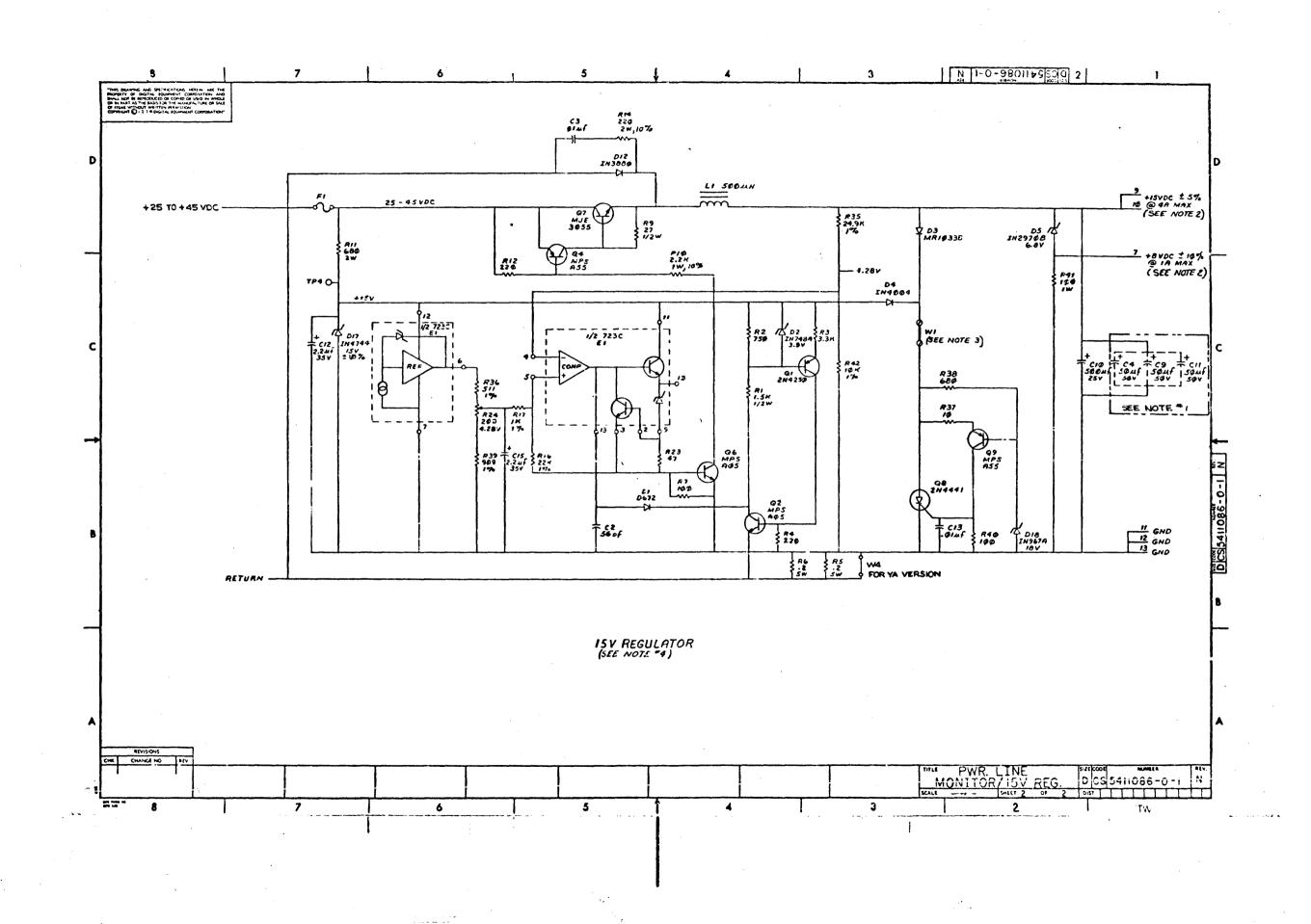


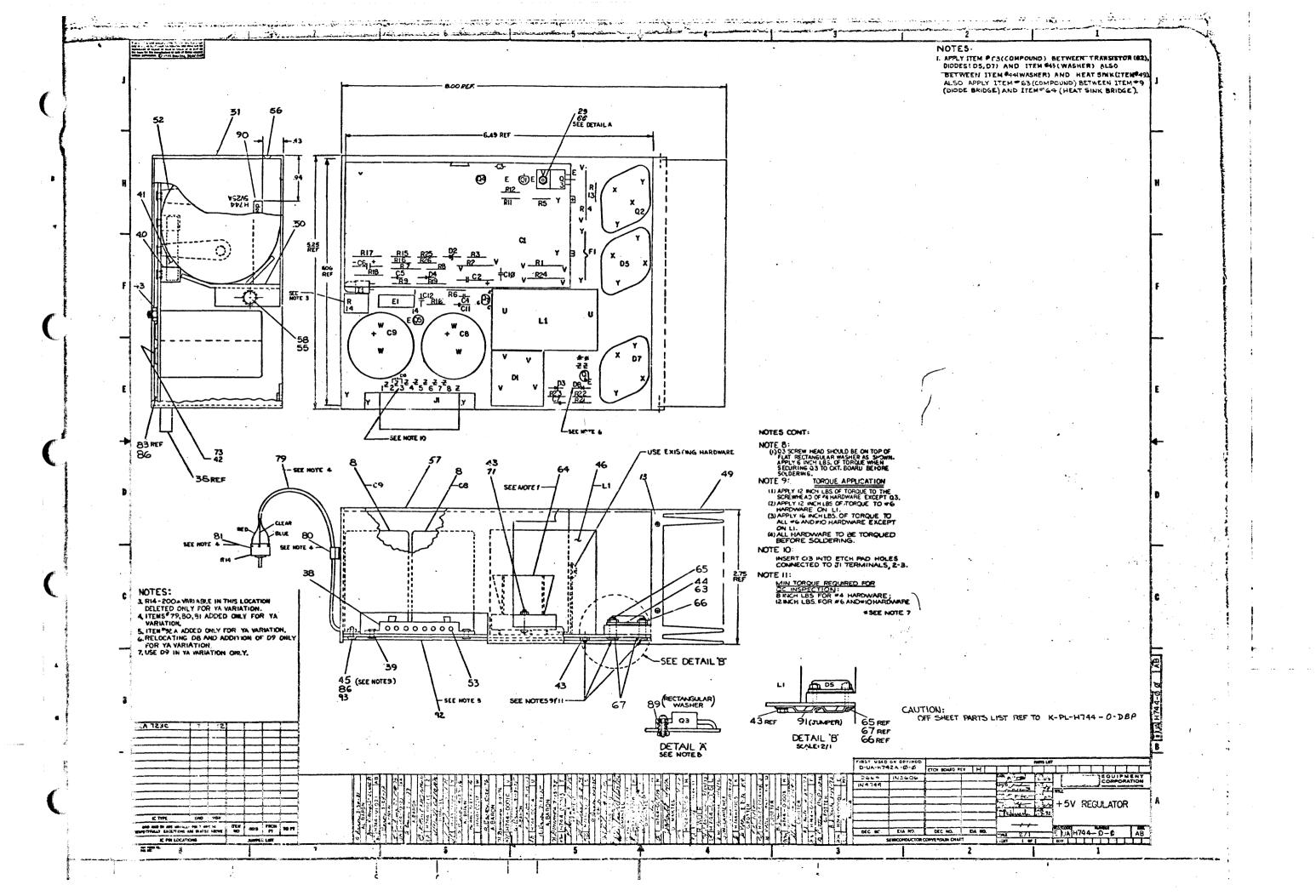
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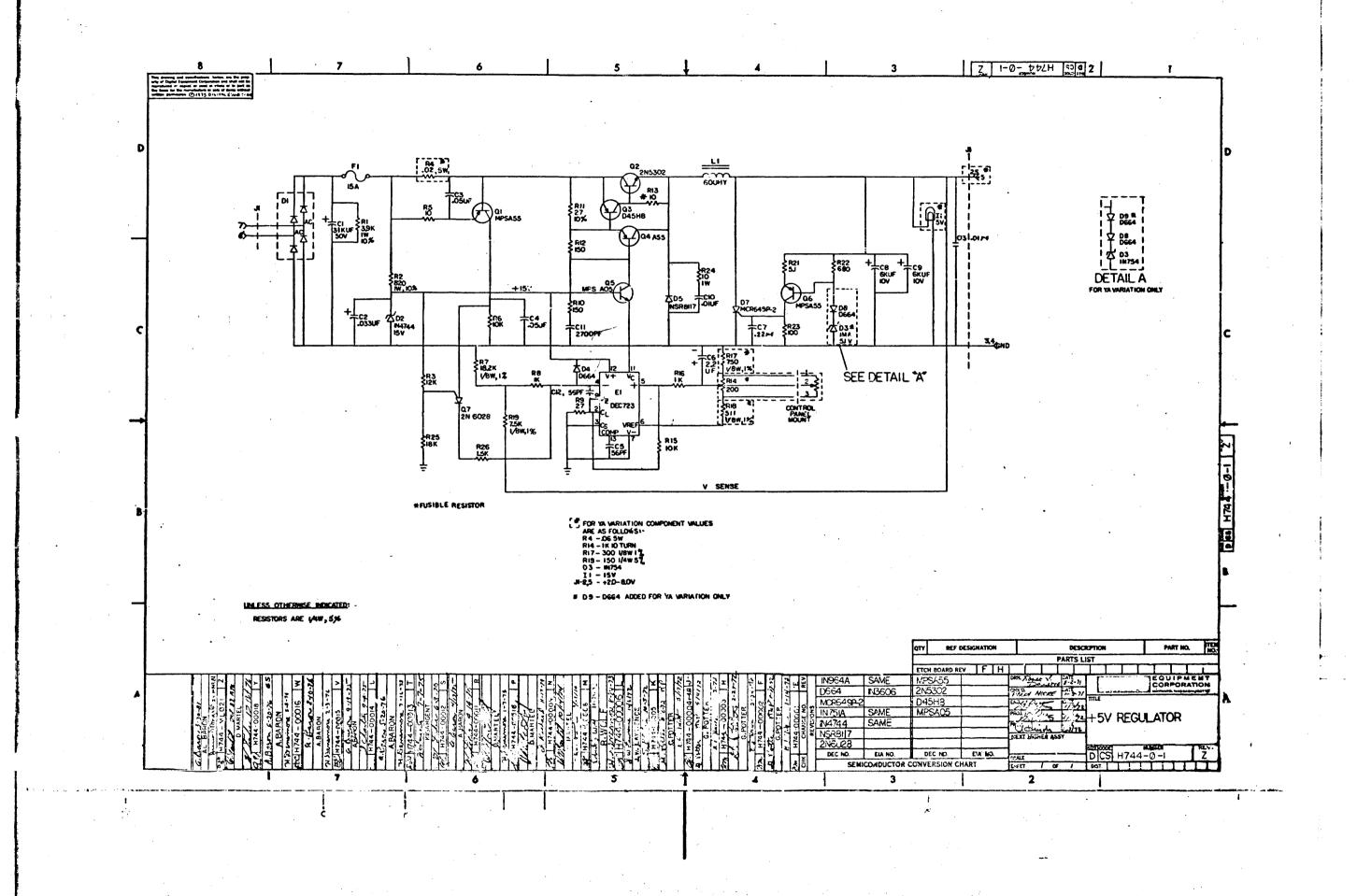
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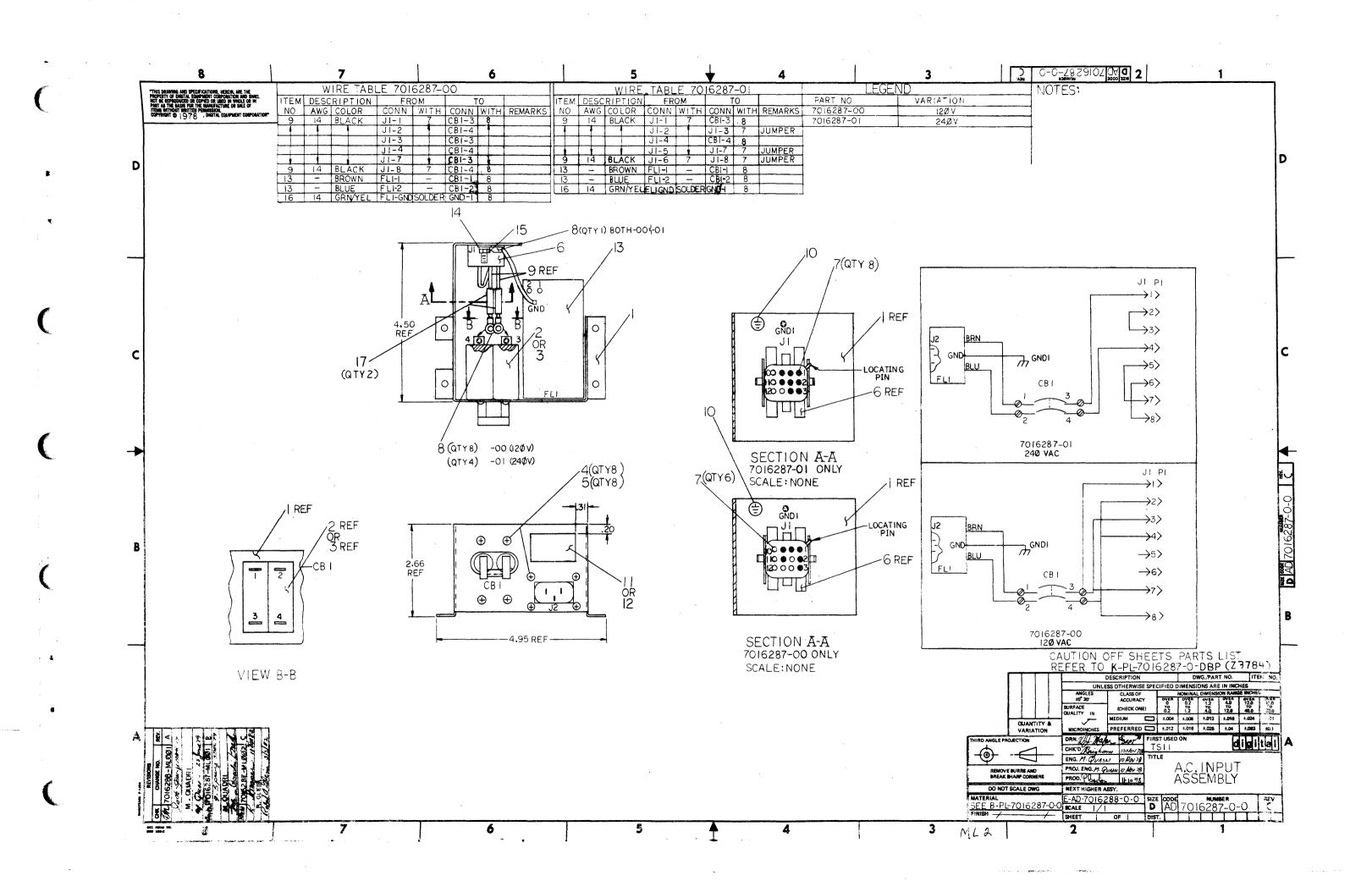


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